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# HASTINGS' SEEDS

*Fall 1930-80th Catalog*



**COVER COLLECTION**  
*Perennials  
 for Fall Planting*

**All for 45c.**

One packet each of these 5 most popular of all perennial flowers—and, the finest and newest of all varieties—for fall planting.

**Postpaid 45c.**

You may order 3 Collections

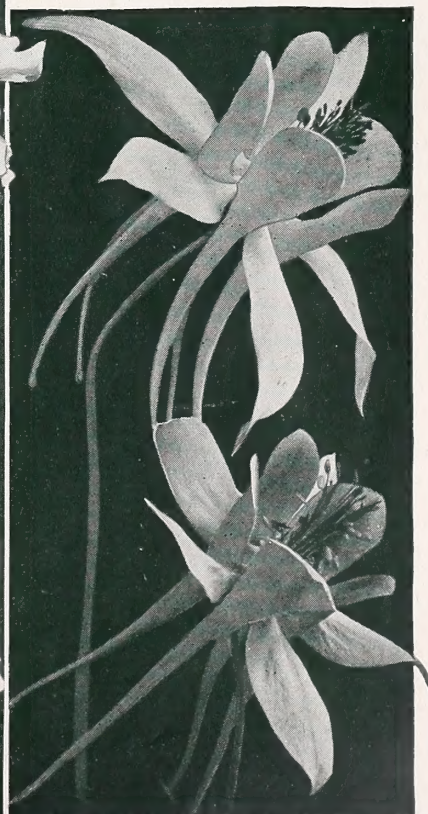
1475 GALLARDIA-THE DAZZLER-PKT. 25¢



1384-SHASTA DAISY-PKT. 10¢



1040 - PKT. 10¢  
 ANTIRRHINUM  
 SNAPDRAGON



1150. AQUILEGIA - COLUMBINE-PKT. 25¢

**H.G. HASTINGS CO., ATLANTA, GEORGIA**

*Vegetable Seed Trials*

# HASTINGS' BIG 7

## TURNIP COLLECTION

7 Full Ounces

7 Varieties

35¢

postpaid

$\frac{1}{4}$  lb  
each  
7  
varieties  
\$1

H. G. HASTINGS CO.  
ATLANTA, GEORGIA

EARLY WHITE  
FLAT DUTCH

PURPLE OR  
RED TOP GLOBE

EARLY RED OR  
PURPLE TOP

YELLOW OR  
AMBER GLOBE

HASTINGS' IMPROVED  
AMERICAN RUTABAGA

SEVEN TOP

EXTRA EARLY  
WHITE EGG

McF.

# HASTINGS' SEEDS ORDER SHEET

Please do not write in above space

**H. G. Hastings Co., Atlanta, Ga.**

**F-30 PLEASE DO NOT WRITE IN THIS SPACE**

Gentlemen:—I am enclosing \$\_\_\_\_\_ for this order.

Ship to me by — Mail ☐ Express ☐ Freight ☐  
(Mark X in square for desired shipment)

Name **Mr.**  
**Mrs.**  
**Miss** \_\_\_\_\_  
(If Mrs., kindly use husband's first name or initials, as Mrs. Sam B. Clark)

Postoffice \_\_\_\_\_ State \_\_\_\_\_

Rural Box Express or  
Route No. No. Freight office  
(If Different from Your Post Office)

Street  
Address \_\_\_\_\_

**BEFORE ORDERING PLEASE READ DIRECTIONS FOR ORDERING IN THIS CATALOG ON PAGE 2**

	Number in Catalog	Quantity	Names of Seeds or Other Articles Wanted	PRICE	
				Dollars	Cents
	<b>SUB.</b>		<b>1 YEAR'S SUBSCRIPTION TO PROGRESSIVE FARMER 24 SOUTHERN RURALIST Numbers 25 CENTS</b>		
	<b>SEED COL.</b>		<b>35c—HASTINGS' BIG 7 TURNIP COLLECTION—\$1.00 35c for 7 Ounces—7 VARIETIES—7 Quarter Pounds for \$1.00</b>		
	<b>BULB COL.</b>		<b>50c—GIANT DARWIN TULIP COLLECTION—\$1.00 10 Varieties for 50c—20 Varieties for \$1.00</b>		
PLEASE DO NOT WRITE IN THIS SPACE					

**Remember—No order too large or too small to send to HASTINGS'**



# HASTINGS' NEW STORE

You will be delighted with our new store. It is in the same convenient location as before—on Mitchell Street, looking down Broad Street. Two blocks in front of the Terminal Station, within four blocks of the new Union Station, State Capitol and new City Hall and only a block from the new Postoffice. In the downtown shopping area, it is a very fortunate situation.

We have tried to make this new store the best looking, most up-to-date and finest equipped seed store in America. The front, facing down Broad Street, is of Southern Colonial architecture, red tapestry brick with white columns and grided balcony. Counters, display cases and seed bins are of silvery gray color. With high ceilings, wide windows, light walls and fixtures, it is naturally well-lighted, though plenty of subdued electric light is available.

Canaries and other birds have their own glassed-in room, out of draughts and where customers may sit and select their favorite singers. Field seeds have their own special section, as do grasses,

vegetable seeds and flower seeds. Flowering bulbs are displayed with natural color pictures so you can choose exactly the colors and types desired. Garden tools, garden furniture, lawn mowers, spray pumps, flower pots, plant tubs and in fact "Everything for the Garden" has space according to its importance.

While everything from fertilizer and poultry remedies to goldfish and insecticides have their places inside, you must visit "Nurseryland." Connecting the enlarged new store with the big mail-order buildings in the rear, is the finest glass-covered display room in the country for all kinds of plants from rose bushes to fruit trees.

We have long wanted a seed store in keeping with the seeds we grow and sell. We believe you will agree when you see the new store that both seeds and store are the best there are.

Remember, there are many garden items not catalogued which you will find in the Atlanta store. We want you to write about any garden item you don't find in our catalogs. We likely have it for you.

## You Can Have a Good Fall Garden in Your State

**Beans** Bush varieties can be planted in the northern half of Georgia, Alabama, Mississippi, Louisiana and Texas, also in North and South Carolina, up to August 15th; in the southern half of these States named up to September 1st. Pole snap varieties like Old Homestead, also the pole and bush beans, can be planted in the southern half up to August 15th. In Florida plant all kinds during August; the bush varieties during September, and in South Florida beans can be planted with more or less safety during all the fall and winter months.

**Beets** The turnip-shaped varieties such as Hastings' Improved Blood Turnip, Eclipse and Lentz Extra Early can be planted in August in the northern half of Georgia, Alabama, Mississippi, Louisiana, Texas and in the Carolinas during August and first half of September. In the southern half of the Gulf States beet planting can continue until about October 15. In Florida, Southwest Texas and many of the more protected Gulf Coast sections the planting of beets may be continued during all of the fall and winter months. In Florida, beets should be planted in October, November and December.

**Cauliflower** Planting of Cauliflower is not advised during the fall months except in Florida, Southwest Texas and well protected spots along the Gulf Coast. Seed had best be sown in late September or October for maturing in early spring months. Cauliflower will not stand heat, and to be successful must be matured not later than April 1st in those sections. The same is true of Broccoli, which resembles Cauliflower closely.

**Cabbage** In the Lower South, Florida, Southwest Texas and the Gulf Coast sections this is the most important fall sown vegetable crop. Early varieties such as the Wakefield can be planted in northern half of Georgia, Alabama, Louisiana, Mississippi, Texas and in the Carolinas in August for maturing before cold weather comes. In the southern half of these States planting may be made in September and October of the flat varieties: Flat Drumhead, Surehead, Sure Crop, Centennial Late Flat Dutch, for maturing during the late winter months. In Florida, the immediate Gulf Coast sections and Southwest Texas the bulk of seed planting should be during the month of October for March and April maturity. Cabbage is a half hardy vegetable and will stand considerable cold without serious injury except when "in bud," that is, the beginning of the formation of the head. If frozen at that time it is apt to rot to seed without forming heads.

**Carrots** Suitable for August planting in the northern half of the South, for September planting in the southern half. For Florida, Southwest Texas and close to the Gulf, plantings may be made almost any time up to December. The carrot is a vegetable that should be more largely planted in the South in the fall as well as in the spring.

**Celery** We do not advise the planting of celery in the fall except in Florida, Southwest Texas and in the protected spots along the Gulf. In that section August and September plantings are the most desirable for March and April maturity.

**Cucumber** While looked on as an almost strictly spring vegetable it can be planted in August and early September for quick maturity along the Gulf Coast and in Florida. Limited areas of this are found profitable in South Florida for shipments North during the winter months.

**Eggplant** Not advised for planting in the fall except in South Florida. July and August plantings will mature in that State in about 110 days, and like cucumbers, limited areas are found profitable for shipments from South Florida during the winter months. Peppers are adapted to similar conditions.

**Kale or Borecole** Entirely hardy in all parts of the South in any average winter. In the northern half of the South, September and October sowings are the best. In Florida and Gulf Coast sections plant up to January 1st. Kale should be in every garden in the South for winter and spring greens.

**Lettuce** One of the most widely grown and largely planted of the "salad" vegetables. Requires rich or well manured soil and plenty of moisture for quick growth. In northern Georgia, Alabama, Mississippi, Texas and the Carolinas, sowing of lettuce can be made during August and up to September 15th. In the southern half, these sowings can be continued up to October 1st. In Florida, Southwest Texas and protected Gulf Coast points plantings may be continued all through the fall and winter, although the best months are October and November. Where the garden has cold-frames or protected beds, lettuce can be planted and grown in them during all the fall and winter months in the northern districts.

**Mustard** Largely planted in family gardens in both fall and spring. In the more northern sections of the South, August, September and October sowings are best. In Florida and the Gulf Coast sections October sowings are the best, although in Florida continuous sowings can be made October to February.

**Onions** Plant sets of the hardy varieties (Yellow Globe and Silverskin) in the northern half of the South in September and October; in the southern half plant from September to December. In the southern half, also Florida and Southwest Texas, plant seed of the Bermuda during October. Sets of all the onions can be planted all through the fall in that section, but the Bermuda varieties from seed are preferable.

**Garden or English Peas** Extra earlies such as Surprise and Alaska can be planted in northern half of Georgia, Alabama, Mississippi and Louisiana in August; in the southern half, plantings of them can be made as late as September 15th. In Florida, South Texas and near the Gulf, plantings can be made both of the extra earlies and second earlies, such as Home Delight and Bliss' Everbearing, almost any time during fall and winter months. Peas are fairly hardy except when in bloom.

**Radishes** In the northern half of Georgia, Alabama, Mississippi, Louisiana, Texas and both the Carolinas, succession plantings of radishes may be made every ten days to two weeks from August 15th to October 15th. In the southern half of those States, also Florida, plantings may begin in September and continue at intervals all through the fall months. Good or well fertilized soil, with sufficient moisture to insure quick growth, is necessary to make crisp, tender radishes.

**Squash** We would not advise planting this in the northern half of this general district except between August 1st and 15th. In the southern half plantings can be made up to September 1st. In South Florida the bush squashes can be planted almost at pleasure any time during the fall months.

**Spinach** Most of our Southern people like "greens" during winter and spring, and for this purpose there is nothing better than spinach. The seed does not germinate freely in warm weather, so that planting should be deferred until weather cools down. It is perfectly hardy, standing any ordinary winter weather, making growth all through the winter and spring. For Florida and Gulf Coast sections, November and December plantings are best.

**Tomatoes** Plant in the northern half of Georgia, Alabama, Mississippi, Louisiana, Texas and the Carolinas up to August 1st. In the lower half to August 15th and in Florida and Southern Texas they make a regular fall and early winter crop for shipment and home use. If plants are frozen the green fruit will ripen in the house.

**Turnips** This is the old standby in Southern fall gardens. In all the States except Florida, South Texas and immediate Gulf Coast sections the planting season opens with rutabagas in July and August, followed two or three weeks later by the bulb varieties of turnips such as Purple Top Globe, Flat Dutch, White Egg, Purple Top Flat, etc., followed in September and October by the "salad" varieties like Seven Top.

# Read Directions for Ordering

SEND ALL ORDERS DIRECT TO H. G. HASTINGS CO., ATLANTA, GA. WE HAVE ABSOLUTELY NO AGENTS.

**Liberal Premiums** Please bear in mind that on seeds in packets and ounces only (no quarter-pounds, pounds, or two pounds), the purchaser may select 25 cents' worth extra on each dollar sent. This does not apply to orders for collections, prices of which are net. See this Premium Offer on Yellow Order Sheet.

**Cost of Sending Money** In all cases where the order for seed amounts to one dollar or more, the cost of postoffice or express money order, or cost of registering the letters from places that are not money order offices, may be deducted from the amount of the order.

**Stamps** On orders of seeds where the amount is less than 50 cents, we will accept U. S. postage stamps in good condition (one-cent and two-cent stamps preferred) the same as cash, but we would ask those remitting stamps to wrap them in oiled paper, if possible, to prevent their sticking together or to the order.

**C. O. D. Notice** Absolutely no plants or other perishable goods will be sent C. O. D. We advise against C. O. D. orders because of delays and high collection charges which are unsatisfactory to the customer and expensive to us if uncalled for and returned at our expense. We accept C. O. D. orders for seeds in exceptional cases when 25% of the order amount is paid in advance. This deposit is meant to cover collection and return charges in case the order is not called for and paid for by the customer.

**About Warranty** H. G. HASTINGS CO. gives no warranty, express or implied, as to description, quality, productiveness or any other matter, of seeds, bulbs or plants they send out, and will not be in any way responsible for the crop. If purchaser does not accept the goods on these terms, they are at once to be returned, and any money that may have been paid for them will be refunded. Crops are dependent for success or failure on so many things besides seed that it is impossible for us to give any warranty or guarantee. This does not mean that we lack confidence in the seeds we sell, but we have no control over the seeds after they leave our house, especially so as to the methods of planting, cultivating and fertilizing, all of which are important factors in the success of any crop. If we should warrant or guarantee seeds in any way, we could be held responsible for the failure of the crop, regardless of cause, and this is a responsibility we cannot and will not accept. No responsible seedsmen gives any warranty.

**We Pay the Postage** On all seeds in this catalog listed in packet, half ounce, ounce, quarter pound, pound and 5-pound quantities, we pay the postage and guarantee safe delivery by mail. On all seed, plant and bulb collections we pay the postage. We pay the postage on plants and bulbs except in larger quantities where a "Not Prepaid" price is named.

**You Pay the Postage** When you order over five pounds of any kind of seeds at "Not Prepaid" prices stated in the catalog, you pay the postage, express or freight. The same applies to quantity lots of bulbs and plants listed at "Not Prepaid" prices.

When you order seeds in 10 or 100 pound lots or over at "Not Prepaid" prices you can have the seeds sent to you by parcel post, express or freight but you must pay the transportation charges. Where the freight or express office nearest you is not convenient and you had rather have your seeds delivered to your post office or mail box it is best to have them come by parcel post.

When you order your seeds to come by express or freight we can send them "collect" so you may pay the transportation charges on delivery. If you want your order to be sent by parcel post the postage must be paid IN ADVANCE and you must send us the amount of postage in addition to the cost of the seeds.

Your Postmaster and generally your R. F. D. Carrier can tell you what zone you are in from Atlanta.

**How to Figure Postage** First figure up the weight in pounds on "Not Prepaid" items you are ordering. Then find what zone you are in from Atlanta. Take the number of pounds you are ordering in the first column and read straight across to your zone column and the amount shown is the postage to send us in addition to the cost of the seed, so we can prepay the postage.

As an example we will suppose that you want to order 14 pounds (a peck) of corn. If you lived in either the 1st or 2nd postal zones from Atlanta the amount to be sent us in addition to the price of the corn would be 20 cents; for the 3rd zone 34 cents; for the 4th zone 60 cents and so on. With the table shown it's very easy to figure it exactly, once you know what your zone number is.

If at all in doubt as to your zone be sure and send enough to cover necessary postage. If you send too much, the surplus will be returned to you.

Seventy pounds is the weight limit. If larger quantities are wanted it will have to be split into two or more shipments. 50 pounds is the weight limit for the 4th, 5th, 6th, 7th and 8th zones.

## APPROXIMATE LOCATION OF ZONES

**GEORGIA**—Largely in the 1st and 2nd zones. Extreme southern part is in 3rd zone.

**ALABAMA**—Eastern half in 2nd zone, western half in 3rd zone except extreme southwestern portion which is in the 4th zone.

**FLORIDA**—The northern part is in the 3rd, the rest is in the 4th, except extreme southern part in 5th zone.

**MISSISSIPPI**—About evenly divided, the eastern half being in the 3rd and the western half in the 4th zone.

**LOUISIANA AND ARKANSAS**—Both entirely in the 4th zone.

**TEXAS**—Mostly in the 5th zone, a small part including the most eastern counties in the 4th and extreme western portion in 6th.

**TENNESSEE**—Divided in three zones. Southern part of East Tennessee is in 2nd zone; most of the rest in 3rd zone except the extreme western part which is in the 4th.

**KENTUCKY**—Western and extreme northern part is in the 4th zone but the rest is in the 3rd zone.

**SOUTH CAROLINA**—Western part in 2nd, balance in 3rd zone.

**NORTH CAROLINA**—Extreme western part in 2nd, the rest in 3rd zone except extreme eastern part which is in the 4th zone.

## Parcel Post Zone Rates

Wt. In Lbs.	Zone 1 & 2	Zone 3rd	Zone 4th	Zone 5th	Zone 6th	Zone 7th	Zone 8th
1	\$0.07	\$0.08	\$0.08	\$0.09	\$0.10	\$0.12	\$0.13
2	.08	.10	.12	.15	.18	.22	.25
3	.09	.12	.16	.21	.26	.32	.37
4	.10	.14	.20	.27	.34	.42	.49
5	.11	.16	.24	.33	.42	.52	.61
6	.12	.18	.28	.39	.50	.62	.73
7	.13	.20	.32	.45	.58	.72	.85
8	.14	.22	.36	.51	.66	.82	.97
9	.15	.24	.40	.57	.74	.92	1.09
10	.16	.26	.44	.63	.82	1.02	1.21
11	.17	.28	.48	.69	.90	1.12	1.33
12	.18	.30	.52	.75	.98	1.22	1.45
13	.19	.32	.56	.81	1.06	1.32	1.57
14	.20	.34	.60	.87	1.14	1.42	1.69
15	.21	.36	.64	.93	1.22	1.52	1.81
16	.22	.38	.68	.99	1.30	1.62	1.93
17	.23	.40	.72	1.05	1.38	1.72	2.05
18	.24	.42	.76	1.11	1.46	1.82	2.17
19	.25	.44	.80	1.17	1.54	1.92	2.29
20	.26	.46	.84	1.23	1.62	2.02	2.41
21	.27	.48	.88	1.29	1.70	2.12	2.53
22	.28	.50	.92	1.35	1.78	2.22	2.65
23	.29	.52	.96	1.41	1.86	2.32	2.77
24	.30	.54	1.00	1.47	1.94	2.42	2.89
25	.31	.56	1.04	1.53	2.02	2.52	3.01
26	.32	.58	1.08	1.59	2.10	2.62	3.13
27	.33	.60	1.12	1.65	2.18	2.72	3.25
28	.34	.62	1.16	1.71	2.26	2.82	3.37
29	.35	.64	1.20	1.77	2.34	2.92	3.49
30	.36	.66	1.24	1.83	2.42	3.02	3.61
31	.37	.68	1.28	1.89	2.50	3.12	3.73
32	.38	.70	1.32	1.95	2.58	3.22	3.85
33	.39	.72	1.36	2.01	2.66	3.32	3.97
34	.40	.74	1.40	2.07	2.74	3.42	4.09
35	.41	.76	1.44	2.13	2.82	3.52	4.21
36	.42	.78	1.48	2.19	2.90	3.62	4.33
37	.43	.80	1.52	2.25	2.98	3.72	4.45
38	.44	.82	1.56	2.31	3.06	3.82	4.57
39	.45	.84	1.60	2.37	3.14	3.92	4.69
40	.46	.86	1.64	2.43	3.22	4.02	4.81
41	.47	.88	1.68	2.49	3.30	4.12	4.93
42	.48	.90	1.72	2.55	3.38	4.22	5.05
43	.49	.92	1.76	2.61	3.46	4.32	5.17
44	.50	.94	1.80	2.67	3.54	4.42	5.29
45	.51	.96	1.84	2.73	3.62	4.52	5.41
50	.56	1.06	2.04	3.03	4.02	5.02	6.01
55	.61	1.16					
60	.66	1.26					
65	.71	1.36					
70	.76	1.46					

Zones are based on the distance you are from the shipping point, Atlanta, Ga. Up to 150 miles from Atlanta is the 1st and 2nd zones, which take the same rate. 150 to 300 miles is the 3rd zone, 300 to 600 is 4th, 600 to 1000 is 5th, 1000 to 1400 is 6th, 1400 to 1800 is 7th, over 1800 is 8th zone. If you send too much, surplus will be returned to you.

# Hastings' Evergreen Lawn Mixture

**550** Notice the Evergreen lawn on the inside rear cover page. You, too, can have a beautiful lawn with Evergreen Lawn Grass. Hundreds of the finest and the most humble homes in Atlanta and throughout the South have beautiful lawns the year around and so can you make your home "The Home Beautiful" with a velvety green lawn. Without a green lawn no home is really attractive.

This is our own mixture proved by years of lawn making to be the best for the South. You cannot buy it elsewhere. It makes a quick show and on well prepared soil soon becomes a beautiful velvety lawn. It stands summer heat and drought without serious injury, coming out again when the rains begin. If watered thoroughly once or twice a week during hot, dry weather of course it will stay green all the time, as it does fine without attention during the fall, winter and spring. Follow our "Culture" directions closely and failure will hardly be possible.

**PRICES**—Pound, 55c. 5 Pounds, \$2.50. Not Prepaid—10 Lbs., 40c per Lb. 100 Lbs., 35c per Lb. Prices subject to change.

## Complete Lawn Units

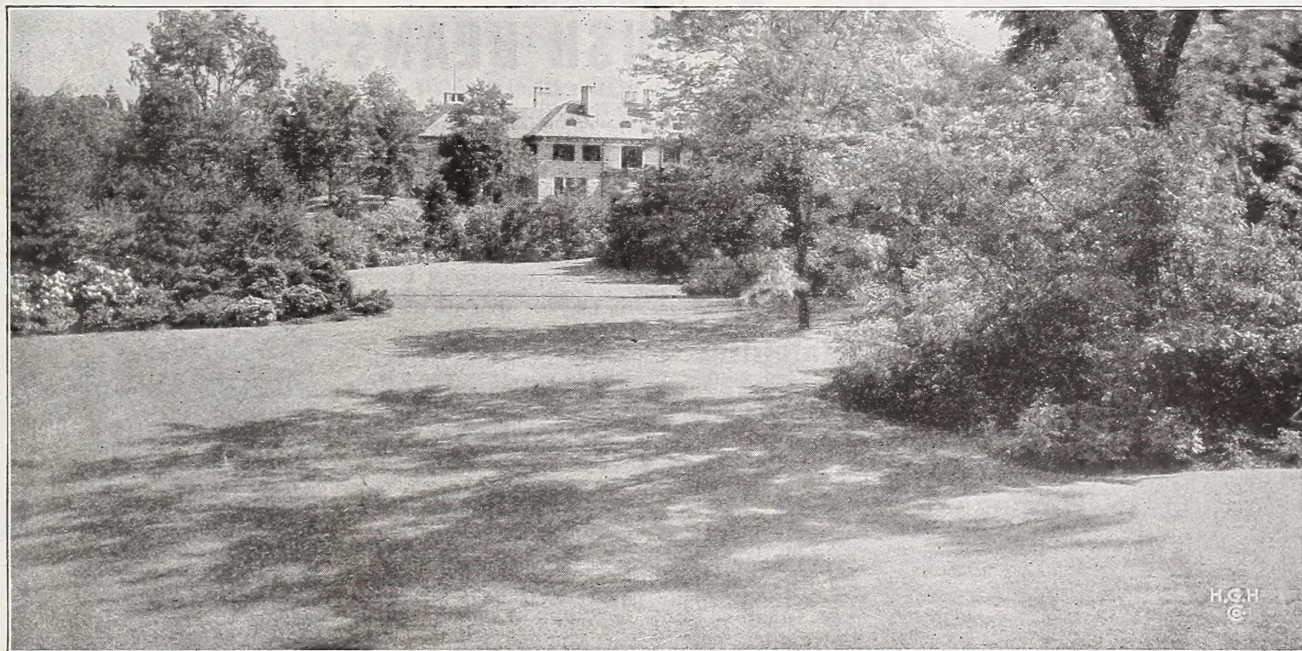
For your convenience and so you may be certain you have the right quantity of seed and fertilizers—all that's necessary for a fine lawn—we supply complete units for 1,000 sq. ft. of lawn (50x20 ft.) in any of our Grass Mixtures desired—5 Lbs. Grass Seed, 100 Lbs. Pulverized Sheep Manure, 5 Lbs. Nitrophoska, see "Lawn Culture" directions, F. O. B., Atlanta. Evergreen Lawn Grass Unit—\$6.75. Southern Winter Lawn Grass Unit—\$6.50. Shady Lawn Grass Unit—\$7.00.

## Lawn Culture

Sow Hastings' Lawn Grass Mixture this fall and winter, earlier the better, for new lawns or reseeding old lawns. Spade or plow the soil 12 inches deep. Remove all rocks, roots and litter. Apply a mixture of 100 pounds of Pulverized Sheep Manure and 5 pounds of Nitrophoska to each 1,000 square feet, plat 50x20 feet. (Wizard Sheep Manure is subjected to intense heat to destroy weed seeds, disease and all plant life so is best. Sheep Manure is the most concentrated of live-stock manures and is also excellent humus material to retain moisture and available plant food. Nitrophoska is the most concentrated fertilizer there is, analyzing 30-15-15, quickly available plant foods. Besides its own great plant food value it acts directly on the manure so 2 to 3 times the plant food value is obtained from the manure as would be available without Nitrophoska.) Apply this Sheep Manure and Nitrophoska by spading or plowing. Rake thoroughly, mixing fertilizer with soil and working the soil down smooth, fine and level. Sow seed carefully so not to skip spots.

5 Lbs. of seed will plant 1,000 sq. ft. (50x20 ft.). Plant a plenty of seed or you won't have a thick velvety lawn. Grass seed must not be covered with soil. After sowing seed, roll the soil surface with a lawn or tennis court roller or firm the surface in some other convenient way. This firming is all that is necessary. Grass seed needs only to be pressed into a firm seed bed. (Total needed per 1,000 sq. ft. of lawn—5 Lbs. Grass Seed Mixture, 100 Lbs. Pulverized Sheep Manure and 5 Lbs. Nitrophoska.) Use Peat Moss for finest humus.

**FERTILIZERS**—See Page 47 for Sheep Manure and Peat Moss. Use them on lawn, garden, flowers and shrubs.



**550** Hastings' Evergreen Lawn Grass, properly planted during the fall, will make your house into "The Home Beautiful." Lawn Grasses are a great specialty with us and special mixtures for golf courses, aviation fields, polo grounds, lawn tennis courts, parks, subdivisions and pastures are our most interesting problems. Our success is due to the highest grade seeds and experience.

## 552 Hastings' Southern Winter Mixture

For the lower half of the South we recommend the planting of this special mixture, in the fall and winter months particularly, for a velvety green lawn all through the winter and spring until the hot sun of midsummer kills it down, unless regularly watered. These grasses are largely fast growing and make a quicker show than any other mixture. They are all good lawn varieties and will give satisfaction. This mixture is also good for very sunny locations farther North but "Evergreen" is finer and better. In planting, follow Lawn Culture directions above. When you make a lawn, plant it properly. Lawns are easily made if done right. Remember, for a quick show and a heavy green lawn this is the best mixture you can plant. Hastings' Southern Winter Lawn Grass Mixture.

**PRICES**—Lb., 50c. 5 Lbs., \$2.25. Not Prepaid—10 Lbs., 35c per Lb. 100 Lbs., 30c per Lb. Prices subject to change.

## Other Grasses

See Page 48 for individual grasses and Hastings' Permanent Pasture Mixture. White Dutch Clover for lawns is on Page 43. Our Kentucky Blue Grass, Red Top, Rye Grasses, Fescue, etc., are the heaviest, plumpest, purest seeds the market affords. We do not handle off-grades. Our separate varieties of this fancy seed are used in our mixtures and our formulas are definite. That's why prices are subject to change instead of the mixtures. It pays to plant Hastings' Seeds.

## 555 Hastings' Shady Lawn Mixture

For quite a while after the war it was impossible to obtain, certainly at prices within reason, certain grass seeds, including Creeping Bent Grass, from Europe. These are essential for our mixture to plant in shady places. The surface roots of trees take the water and plant food away from grass and when trees are in full leaf they shade the ground too much for many grasses. Our Shady Lawn Mixture is made to give you a beautiful lawn and to hold its own, as well as grass can, in the shade. Most lawns have shady places, because trees are very desirable. Bare spots in the lawn look bad and so we urge you to plant your shady places with this special mixture after thoroughly preparing the soil. Follow Lawn Culture directions above. Recommended for the northern half of the South and farther North.

**PRICES**—Lb., 60c. 5 Lbs., \$2.75. Not Prepaid—10 Lbs., 45c per Lb. 100 Lbs., 40c per Lb. Prices subject to change.



(6) Hastings' Stringless Green Pod Beans

**Culture**

Beans are planted through the summer until September in the Central South. In Florida and Gulf Coast sections even later. Plant 3 to 4 inches apart, covering seed 2 inches, in rows 18 to 24 inches apart. One pounds plants 75 feet of row, about 75 pounds (1½ bu.) plants one acre. Beans are ready to use in 6 to 13 weeks.

**14 Hastings' Excelsior Refugee Bean**

For late summer and early fall plantings; early and heavy bearing. More resistant to hot summer sun and wet conditions than any other Bean. Vigorous grower; medium-sized round green pods of fine flavor; holds pods well off the ground. Desirable for the home garden, a money-maker for local markets or shipment. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs. (pk.), \$2.50. 60 Lbs. (bu.), \$9.60. 100 Lbs., \$16.00.

**13 Improved Round Pod Refugee (1,000 to 1)**

Similar to Excelsior Refugee except much heavier bearer and 10 to 14 days later maturing. Resistant to drought and cold, a great shipper and canner. Used almost exclusively in parts of Florida for shipment. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs. (pk.), \$2.50. 60 Lbs. (bu.), \$9.60. 100 Lbs., \$16.00.

**25 Hastings' Extra Early Red Valentine**

The standard bush bean in the South for home use, marketing and shipping. Erect growth, holding pods off the ground, uniform in size and maturity; 5 to 6 inch, round, meaty pods of good flavor. Splendid early heavy bearer. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs. (pk.), \$2.50. 60 Lbs. (bu.), \$9.60. 100 Lbs., \$16.00.

**23 Extra Early Black Valentine**

The black seeded valentine bean. Extremely hardy; resisatnt to heat and cold. Dark green, 6-inch, slender, round, almost straight, stringy pods. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$2.75. 60 Lbs. (bu.), \$10.20. 100 Lbs., \$17.00.

**6 Hastings' Stringless Green Pod**

The highest quality bean of them all. It's the only variety we plant in our own home gardens. Too tender for best shipping, but it has no equal for home use and nearby markets. Early, prolific, round, smooth, 5-inch stringless pods of the finest flavor. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$2.50. 60 Lbs. (bu.), \$9.60. 100 Lbs., \$16.00.

**12 Giant Stringless Green Pod**

Exceedingly prolific and a very handsome Bean. Early; a few days later than Hastings' Stringless, slightly longer and straighter pods. Large, vigorous, spreading plants, producing many large, nearly round, medium green pods of very good quality for snaps. Matured seed is long, slender and dark yellow. Not as fine quality as Hastings' Stringless, but quite suitable for home and market use. Entirely stringless. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$3.25. 60 Lbs. (bu.), \$12.00. 100 Lbs., \$20.00.

**11 Bountiful**

Excellent early green-podded bush Bean; very popular for early garden snaps. Plants are vigorous growers and prolific bearers of long, 6 to 7 inch, straight, broad, thick-flat pods of light green color. There is very little string on an old pod, no noticeable string in the snap stage. Pods are tender and brittle, of fine quality and make a very handsome appearance. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$3.25. 60 Lbs. (bu.), \$12.00. 100 Lbs., \$20.00.

**20 Sure Crop Stringless Wax**

Very prolific and the finest Wax Bean. Handsome, rich yellow, 6 to 7-inch pods, almost round, very meaty and sweet; stringless at all times. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$2.95. 60 Lbs. (bu.), \$10.80. 100 Lbs., \$18.00.

**16 Wardwells Kidney Wax**

Extra early, vigorous, very prolific, rust-resistant Bean. Tender, almost stringless, fine flavored showy white wax pods. Desirable for market or home use. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$2.95. 60 Lbs. (bu.), \$10.80. 100 Lbs., \$18.00.

**30 Rust-Proof Golden Wax**

Our improved strain of Golden Wax; rust-proof to a remarkable degree. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$3.25. 60 Lbs. (bu.), \$12.00. 100 Lbs., \$20.00.

**32 Prolific Black Wax**

Extra prolific strain of the old German Black Wax. Larger, better grower and heavier bearer. Yellow pods. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$3.25. 60 Lbs. (bu.), \$12.00. 100 Lbs., \$20.00.

**22 Tennessee Green Pod**

Great extra early garden favorite. Heavy bearing, large, broad meaty pods of fine flavor and stringless in snap stage. Slightly irregular shape, about 5½ inches wide by 6½ inches long. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$2.95. 60 Lbs. (bu.), \$10.80. 100 Lbs., \$18.00.

**HASTINGS' ASPARAGUS**

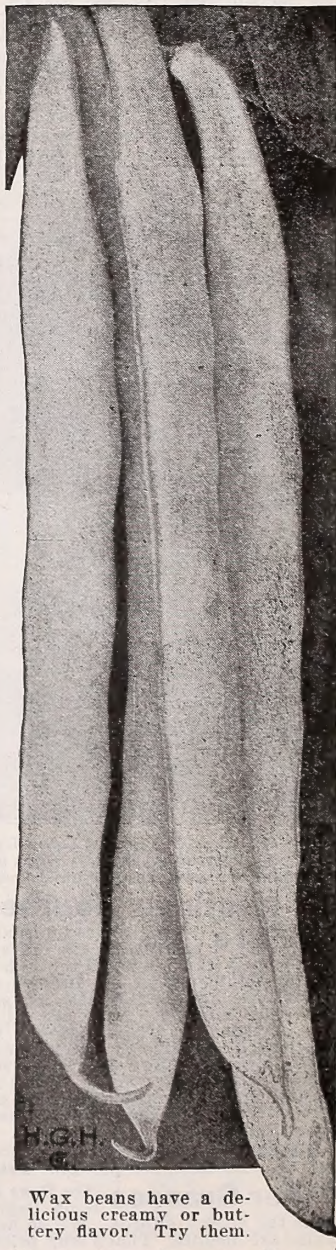
**1 Palmetto Asparagus Seed** A very early and prolific variety which has been the standard variety for many years. Produces large, deep green shoots of the best quality. Regular in growth and easily grown from seed. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., 75c. 5 Lbs., \$3.00.

**Palmetto Roots** Our large Hastings' Plantation grown roots save one to two years time in producing Asparagus for cutting and results are generally more satisfactory than from seed. Order now. Roots will be shipped when dug after killing frost, about December 1st. 50 roots, 60c. 100 roots, \$1.00. Not Prepaid—100 roots, 85c. 1,000 for \$6.00.

**2 Washington Asparagus Seed** The finest and largest Asparagus now grown. Extremely resistant to rust, vigorous grower and the most uniform market type of all so-called rust-resistant varieties. This is without doubt the best Asparagus grown today, giant sized, high-yielding and very tender. Packet, 10c. Oz., 15c. ¼ Lb., 50c. Lb., \$1.50.

**Washington Roots**

It will pay you to plant some of these fine large roots even if you already have an Asparagus bed. Save 1½ to 2 years time and have the tenderest and finest looking "tips" from these roots. Order now. Roots will be shipped when dug after killing frost, about December 1st. 50 roots, 75c. 100 roots, \$1.25. Not Prepaid—100 roots, \$1.00. \$7.50 per thousand.

**BUSH BEANS**

Wax beans have a delicious creamy or buttery flavor. Try them.

(20) Sure Crop Stringless Wax

## "SNAP BEANS"—"DRY SHELL BEANS"

Many home gardens neglect a splendid opportunity in late summer and early fall. All these beans bear heavily and if pods are left to fully mature, there is an abundance of dry shelled beans. The same is true of lima or butter beans.

**15 Kentucky Wonder Pole Bean** ALSO CALLED OLD HOMESTEAD AND TEXAS PROLIFIC. This superb pole snap bean is known under all three of these names. It is a most profitable pole, green, snap bean for you to plant any time from April to August. Planted in late summer or early fall it begins to bear in about 50 days. All through the fall and until frost it puts on heavier crops of its extra large, fine flavored pods than from early spring planting. Pods are green, round, well rounded out, meaty, tender, practically stringless and grow 6 to 12 inches long. Immensely prolific, a peck having often been picked from a single vine, our illustration giving a splendid idea of its productiveness. If you have grown it before you need not be told its value. If you have never grown it, plant, at least, a few of them this year, for you will certainly be pleased. Kentucky Wonder and McCaslan are the greatest beans in existence and Kentucky Wonder is a great old standby and favorite. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs. (pk.), \$2.50. 60 Lbs. (bu.), \$9.60. 100 Lbs., \$16.00.

**5 Kentucky Wonder Wax Pole Bean** Yellow podded form of Kentucky Wonder and equal to it in all respects. Pods long, thick, meaty, stringless, deeply saddle-backed, buttery flavor and very prolific. Packet, 10c. ½ Lb., 30c. Lb., 50c. 2 Lbs., 90c. Not Prepaid—15 Lbs., \$4.00. 60 Lbs., \$15.00. 100 Lbs., \$25.00.

**McCaslan Pole Bean** Completely sold out for this season. We suggest using Kentucky Wonder for this fall. McCaslan will be listed in the Spring 1931 Catalog, ready in December.

**18 Hastings' Genuine Cornfield** The satisfactory, heavy bearing cornfield bean. Green podded, creasebacked, round, well filled, 6-inch, nearly straight pods. Hastings' own stock of this reliable string bean. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—15 Lbs., \$2.95. 60 Lbs., \$10.80. 100 Lbs., \$18.00.

## LIMA OR BUTTER BEANS

**17 Jackson Wonder Bush Lima Bean** Most prolific of all bush limas; of Georgia origin and fully adapted to all parts of the South. Flourishes in dryest weather and practically drought proof. Flavor rich and delicious. A perfect bush butter bean growing 10 inches to 2 feet high. Begins blooming early; continues to bear until frost kills the plants. Good for summer use or as a winter shell bean. Seed of brownish color. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$3.25. 60 Lbs. (bu.), \$12.00. 100 Lbs., \$20.00.

**7 Henderson Bush Lima** Smallest but most prolific of all the white seeded varieties, being a true bush form of the Small Lima or "Sieva." Very early, beginning to bear in about 60 days from planting and is one of the most popular varieties of butter beans for home, canning and market use. Pods are small, about 3 inches long, generally with 3 or 4 small, flat, white beans. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—15 Lbs. (pk.), \$4.50. 60 Lbs. (bu.), \$16.20. 100 Lbs., \$27.00.

**33 Fordhook Bush Lima** Generally considered the best of the large seeded bush lima varieties. Bushes of strictly erect habit, branching freely with all the branches held upright. This is a true bush form of what is known as the potato or large, thick seeded, bush lima. From four to six days earlier than other varieties of this class. Pods about 5 inches long are found in clusters of four to eight and are well filled with 4 to 5 delicious large beans that in quality surpass by far all the other lima beans. You will make a mistake if you don't plant Fordhook Bush Lima. Packet, 15c. ½ Lb., 30c. Lb., 50c. 2 Lbs., 90c. Not Prepaid—15 Lbs. (pk.), \$4.75. 60 Lbs. (bu.), \$18.00. 100 Lbs., \$30.00.

### 34 Burpee Improved Bush Lima Bean

A true and improved bush form of the large white lima pole bean with extra large seed beans. The plants are vigorous and productive; very large pods, 5 inches long, usually contain 4 large, thick beans of excellent quality. Seed shows a greenish white tinge which is considered a sign of superior quality. Packet, 15c. ½ Lb., 30c. Lb., 50c. 2 Lbs., 90c. Not Prepaid—15 Lbs. (pk.), \$4.00. 60 Lbs. (bu.), \$15.00. 100 Lbs., \$25.00.

**NOTE**—Plant plenty of Limas for dry shell beans this winter.

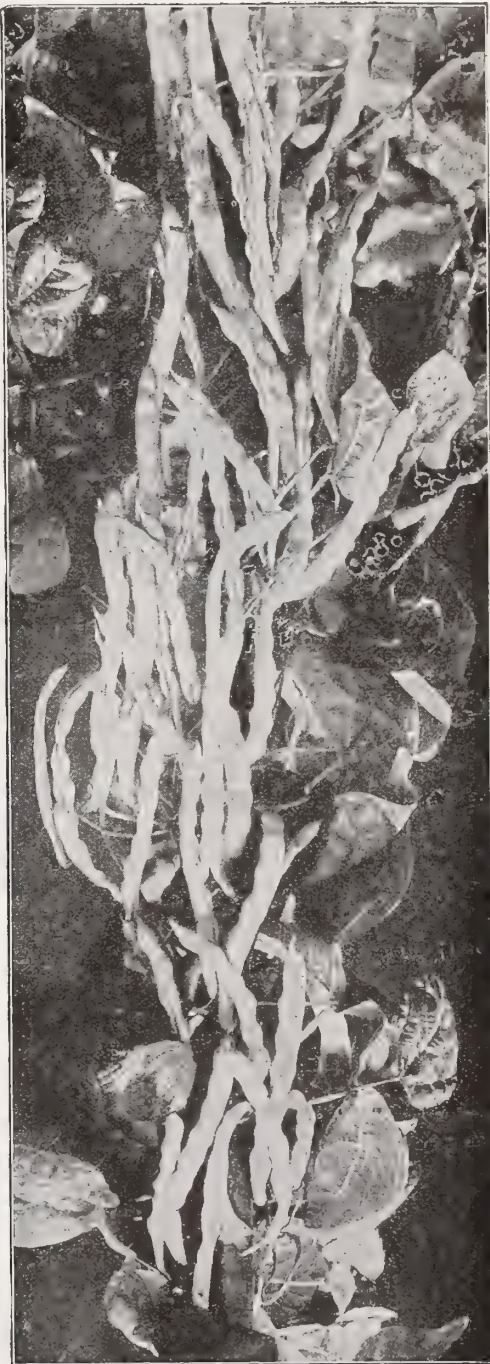
## POLE LIMA BEANS

### 9 Small White Pole Lima

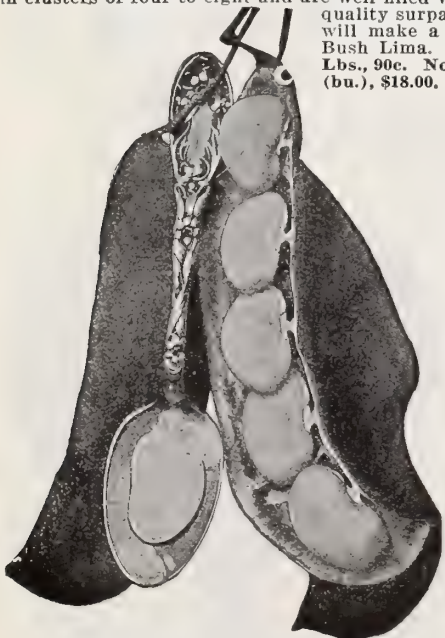
Also known as small lima or "Sieva" bean. Climbing form of the Henderson Bush Lima. Very prolific, hardy grower for "butter beans" and continuous bearer of tender and very delicious beans. The 3-inch dark green curved pods contain 3 to 4 creamy white beans. This is the most generally grown Butter Bean in the South. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. No larger quantities offered this fall.

### 10 Large White Pole Lima

The true large lima pole bean. Vigorous grower with extra large greenish white beans. It is called "King of the Garden" and is in great demand. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. No larger quantities offered this fall.



(15) Texas Prolific—Old Homestead—Kentucky Wonder Pole Bean. Type of McCaslan



(7) Henderson Bush Lima Beans

**GOOD GARDENS COME FROM GOOD SEEDS. IT PAYS TO PLANT THE BEST.**

# HASTINGS' SUPERIOR BEET SEED



(45) Hastings' Improved Blood Turnip Beet.

**Note** You need and want the highest quality beet seed you can get for market crops or for the home garden. Hastings' Beet Seed is bred and carefully selected to give you the finest formed beets grown.

## 44 Half-Long Blood Beet

A favorite for late use, intermediate length between Improved Blood Turnip and Long Smooth. Color a deep blood red, smooth and free from stringy roots. It is tender, sweet and keeps for a long time after maturity. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for quantity prices.

## 49 Long Smooth Blood Beet

An old-time favorite in the South; long, smooth, blood red roots, enabling it to resist drought and heat. This beet can be stored or banked for later use, as it keeps well. Although large, it is of exceptional quality and flavor. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for quantity prices.

## 43 Swiss Chard Beet or Sea Kale

Grown for its leaves only as it does not make a bulbous root. The leaves grow large and upright and as the outer leaves are cut more come from the center. The midrib of each leaf is large and almost white and after trimming can be cooked and served like asparagus. The leaf part can be cooked like spinach or turnip greens, or the whole leaf can be boiled and served as "greens." They are delicious. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.



(43) Swiss Chard Beet or Sea Kale for Greens

## MANGELS AND HALF SUGAR MANGEL BEETS

### 41 Jumbo Long Red Mangel

Largest and heaviest yielder in the South of all the true Mangel beets. Roots grow from one-half to two-thirds above the surface and are usually eighteen inches to two feet long and four to six inches in diameter. The tonnage, or yield, per acre on rich or well fertilized ground in something immense. The Jumbo Mangel or the White French Half-Sugar Mangel ought to be planted on every farm in the South where cows are kept through the winter. Plant 10 Lbs. per acre in 2½ to 3-foot rows. Oz., 10c. ¼ Lb., 20c. Lb., 60c. 5 Lbs., \$2.40. Write for quantity prices.

### 51 White French Half-Sugar Mangel

While possibly not quite as heavy a yielder per acre as the Jumbo Long Red, its very considerable sugar content makes it especially valuable in fattening cattle and insuring a flow of richer milk in dairy or milch cows. It is as easily grown in the South as the garden variety of beet and should be let grown to full maturity to secure the largest yields. Roots are very large, smooth, clean skin of oval shape and grow with the top of the bulb two or three inches above ground and consequently are more easily pulled. Oz., 10c. ¼ Lb., 20c. Lb., 60c. 5 Lbs., \$2.40. Write for quantity prices.

**Culture** Sow in rich or well-manured garden ground after same has been deeply plowed or spaded. Sow in rows 18 inches to 2 feet apart, scattering seed thinly. In this latitude sow from July to September 15th; in Florida and Gulf Coast sections, plantings can be made from September to January. Seed is rough and the soil should be firmed or rolled if the ground is dry. When two or three inches high thin out to four or five inches apart in the row. Young beet plants are superior to spinach and turnips for "greens." In light sandy soils cover seed 2 inches; in stiff clay not over 1 inch. Quantity of seed required: 1 oz. to 50 feet of row; 6 to 8 Lbs. per acre. Maturity, 6 to 11 weeks.

## 45 Hastings' Improved Blood Turnip Beet

Also called DETROIT DARK RED. Most popular variety for home use and nearby markets. Color a deep blood red. A fine even form, very uniform in growth, as shown in our illustration from a photograph; medium early and very productive; tender, free from stringiness and very sweet; good for home or market use and most valuable variety for succession sowings. This is the finest all-round garden beet in existence and the most uniform in shape and color of them all. Most popular Beet grown. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for quantity prices.

## 42 Crosby Early Egyptian

A vast improvement over the old Extra Early Egyptian. Ready for use before any other except the old variety and of far better quality. Tops are small and the smooth roots are flattened globe shape. Roots bright red and flesh is bright vermilion red, zoned lighter, very sweet, tender and fine. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for quantity prices.

## 47 Early Wonder Beet

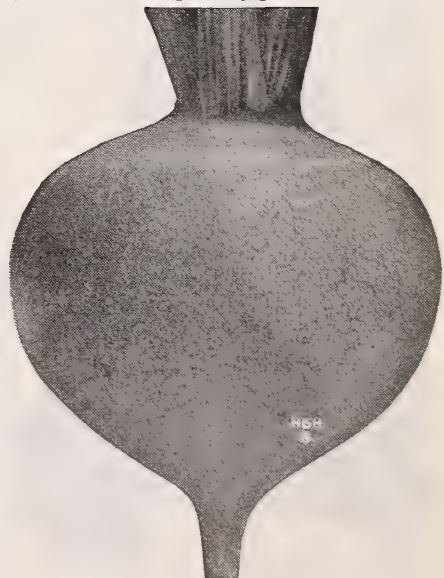
Very early dark red Beet, similar to Crosby Egyptian in flattened globe shape. Its earliness and rich color make it a favorite with market gardeners especially, but it is also a sweet and tender variety for the home garden. The tap root is very small and the beet itself is of very desirable shape for bunching. The tops are small. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for quantity prices.

## 46 Hastings' Crimson King

Also called Crimson Globe. Of turnip shape, very uniform in size, shape and color. Sweet, tender and in favorable seasons has been ready for use in 6 weeks from sowing. A splendid all season beet. Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00. 5 Lbs., \$4.00. Write for quantity prices.

## 40 Hastings' Eclipse Blood Turnip Beet

Popular market gardeners' beet for the South as well as a home garden favorite for summer and fall planting. Fine form, smooth and free from stringy roots. Small top, rapid grower. Color a deep red, retained fully after being cooked; quality extra fine, very sweet and tender; heavy bearer and its handsome appearance makes it an easy market seller. Packet, 10c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00. 5 Lbs., \$4.00. Write for quantity prices.



(40) Hastings' Eclipse Blood Turnip Beet

**Broccoli** A vegetable very closely related to Cauliflower, from which it came. Give the same culture as for Cauliflower, and in the South, unless you are an expert Cauliflower grower, Broccoli will make a surer header for you. Many also are kept from growing Cauliflower by the high price of the seed. To those we recommend Broccoli.

**56 White Cape Broccoli** The Cape Broccoli is the best type for the South. The plants are very hardy, vigorous and easily grown. The heads are white, compact, hard and of fine quality. Packet, 15c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$2.00. Lb., \$7.50. 5 Lbs., \$30.00.

**131 CHERVIL** Aromatic plant for seasoning or salad with lettuce. Broadcast in October or November for winter or spring use. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**133 WATER CRESS** Hardy plant, easily grown in shallow fresh water. Start seed in moist earth and transplant to water. Refreshing leaves fine for salads and garnishes. Packet, 10c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.



(85) Hastings' Gilt Edge—Best Early Cauliflower for the South

## COLLARDS

The Collard is an old-time favorite adapted to all parts of the South. As a producer of "greens" for boiling in winter and spring it has no equal. It will pay you to have a collard patch to give your cows an occasional taste of "green stuff." Sow any time up to September 15. When plants are 6 inches high transplant to open ground, setting plants 2 feet apart in the row. Cultivate like cabbage. Sow one ounce of seed to 200 feet of row. Collards mature in 3 to 4 months.

**135 Southern or Georgia** This variety is the old-time favorite. Stands all sorts of adverse conditions without injury. Is very hardy, standing ordinary winters as far north as Atlanta. In many places where the soil is too poor to grow cabbage, the collard grows easily and makes a good substitute for cabbage. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00. Write for quantity prices.

**136 GEORGIA CABBAGE-COLLARD** A cross between Collards and Charleston Wakefield Cabbage, giving a cabbage-like flavor and it heads up like a cabbage. This was originated at the Georgia Experiment Station by Prof. H. P. Stuckey and the seed is grown for us by him. It is as hardy as collards, not even winter-killing with ice and snow, and stands the hot weather as well. The loose heads are not as large as many cabbages, but they are real heads that can be left on the plant and used through the winter as they are wanted. Heads are rounded, of delicious flavor, either for boiling or cutting up for slaw. Winter cabbage is a serious problem for the South. Cabbage-Collard largely solves the difficulty. We have only a limited amount of seed but be sure to plant an ounce at least this fall—and order early. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00. Write for quantity prices.

**Brussels Sprouts** Especially desirable for late summer and fall planting in Florida and the Gulf Coast section. The "sprouts" are miniature cabbages growing closely on the stalk of the plant, a small head being formed at each leaf joint. Plants are quite hardy and live through the winter in the lower South. Quality and flavor are much improved by frost. Sow seed in July, August or September and when plants are four to six inches high transplant to open ground.

**59 Improved Dwarf Brussels Sprouts.** Most desirable variety South, producing compact "sprouts" of best quality. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**132 CRESS, Extra Curled** This tastes the same as Water Cress and easily grown in spring, summer and fall. Make frequent plantings as the plant soon runs to seed. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

## CAULIFLOWER

Cauliflower is one of our most delicious garden vegetables. Many have had the mistaken idea that it is hard to grow. Anyone can be reasonably sure of success with Cauliflower when planting Hastings' Seeds and it's away ahead of cabbage in quality and flavor.

We import all of our Cauliflower seed direct from the most reliable growers in Europe. No Cauliflower seed of value is produced in America and the best seed of Europe is needed for success.

**Culture** Does best in rich well-tilled soil; will do in a well-manured soil. Sow in seed bed same time as you would cabbage. Transplant when 3 to 4 inches high; give plenty of water in dry weather. Keep wet, hoe thoroughly and often. In Florida and along the Gulf sow the seed in September, October and November. The plants will stand light frosts and should be planted so as to head in cool weather because they will not head properly in hot weather. One ounce of seed will make 1,000 good plants. Set plants about 18 inches apart in row. Matures in 3 to 4 months.

**85 Hastings' Gilt Edge** "Gilt Edge" is rightly named. It is "Gilt Edge" in every respect. It is the largest, most perfect, and surest header of all the early varieties, and in quality it is unexcelled. One specimen was sent to our store by a gardener which, when the leaves were trimmed off, weighed 7 pounds and 8 ounces.

In general appearance Gilt Edge is like Snowball, but is larger, a sure header, and stands much longer without decay than any other. Cauliflower should be more generally grown and there is no variety equal to Gilt Edge where a sure crop of the finest quality is wanted. Packet, 25c. ¼ Oz., 75c. ½ Oz., \$1.25. Oz., \$2.25. ¼ Lb., \$8.00. Lb., \$30.00. 5 Lbs., \$120.00.

**86 Early Snowball** A fine early variety second only in value to the Gilt Edge. Packet, 20c. ¼ Oz., 65c. ½ Oz., \$1.15. Oz., \$2.00. ¼ Lb., \$7.50. Lb., \$28.00.

**87 PARIS WHITE**—Medium sized heads; for family gardens. Packet, 10c. ½ Oz., 60c. Oz., \$1.00. ¼ Lb., \$3.00. Lb., \$10.00.

**88 LE NORMAND'S SHORT STEM**—Very firm, large, late. Packet, 10c. ½ Oz., 60c. Oz., \$1.00. ¼ Lb., \$3.00. Lb., \$10.00.

**89 LARGE LATE ALGIERS**—Very large, heat resisting. Packet, 10c. ½ Oz., 40c. Oz., 75c. ¼ Lb., \$2.00. Lb., \$6.00.

**90 AUTUMN GIANT**—Favorite, large, late variety. Packet, 10c. ½ Oz., 40c. Oz., 75c. ¼ Lb., \$2.00. Lb., \$6.00.



(136) Head of Hastings' Georgia Cabbage-Collard

# CABBAGE



(118) Copenhagen Market—Earliest Large Round Cabbage

## 118 COPENHAGEN Market Cabbage

Heads exceptionally large for this extra early variety, solid and of excellent quality. Growth vigorous but compact, short stem, upright and with few outer leaves. Heads nearly round, medium light green, thick and smooth. Practically as early as Early Jersey Wakefield and undoubtedly the best of its type; valuable for home and market. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.

## 119 Hastings' Golden Acre

The outstanding new variety of today. Earliest round heading variety: extra early strain of Copenhagen market type, maturing round, hard heads, slightly smaller, but about one week earlier than the best and earliest Copenhagen market. Small stalks and outer leaf growth, allowing close planting; has a smoother and slightly greener leaf than Copenhagen, stands heavy manuring and makes on rich soil practically as large heads as Copenhagen. Heads of our Golden Acre are remarkably solid, of fine quality and with small core. It is a money-maker for the shipper for highest early market prices, a fast seller because its size suits the small family and more are sold to larger families. Also fine for early home garden Cabbage. Packet, 10c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$24.00.

**125 Steins Early Flat Dutch** A very popular variety for South Texas and Gulf Coast sections. Holds in good condition for a long time after being cut. Desirable for both market and home use. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**122 Early Summer** A splendid second early cabbage, ten days to two weeks later than the Jersey Wakefield. It has a medium-sized head, very uniform in size and shape and of extra good flavor. It does splendidly in late summer and fall. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**103 Perfection Savoy Cabbage** Best of the Savoy varieties, the best and tenderest of all cabbages. As this variety does not head well in hot weather it is pre-eminently a home garden variety for planting in late summer and fall for heading up during late fall and winter. Frosts improve the quality and flavor. Beautifully crimped and "savoyed." Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

## FROST PROOF CABBAGE PLANTS

We expect to have these Frost Proof Plants as usual, beginning about December 1st. Send us your order any time. Delivery will be made as close to your specified date after Dec. 1st., as weather permits. Write or see our Spring Catalog for prices. Varieties supplied are Large Charleston Wakefield and Early Flat Dutch.

**250,000 GARDENERS PLANT HASTINGS' CABBAGE SEED**  
**Culture** Sow seed in 6-inch drills, across a finely prepared bed, 5 or 6 seeds per inch. Cover seed ¼ inch in heavy soils, ½ inch in light sandy soils; firm the soil after planting and water the bed thoroughly. Keep beds moist but not wet. Transplant when plants are about 6 inches tall on a cloudy day, just before a rain or in late afternoon, leaving only the leaves above the surface. Cultivate very shallow but frequently. For fall planting, one ounce of seed usually makes about 1,000 plants. Plant ½ to ¾ pound of seed for plants for an acre.

**106 EARLY JERSEY WAKEFIELD** Almost every one knows the popular Early Jersey Wakefield Cabbage. Comparatively few know the superiority of our strain of this variety. It's grown with the greatest care, and a well-cultivated crop shows the greatest regularity of size, shape and solidity. If you are growing the Early Wakefield you cannot afford to be without our extra select seed. It pays to use it. Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

**105 HASTINGS' LONG ISLAND WAKEFIELD** Largest, earliest and surest header of any of the large Wakefield varieties. Earlier, larger and finer bred than other strains of Charleston Wakefield, 1½ to 2 pounds heavier, firmer, better shaped and more solid than our selected Early Jersey Wakefield. In good soil and favorable weather conditions it is often ready for use in 50 days from transplanting. It is the right variety for those desiring the best pointed cabbage. It makes a splendid first early cabbage for home use. We believe that this is the very best pointed Cabbage there is grown and our strain of seed is the best. Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

## 104 Early Winningstadt

An old favorite variety planted almost entirely for early family use. Heads weigh 1½ to 2 lbs. and are pointed. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

## 121 All-Head Early

Our "All-Head Early" is an early flat-headed variety that is a sure header with half a chance and is well named on account of its few outer leaves and medium sized, very firm solid heads. About one week earlier than the old favorite "Early Summer" and is the finest in existence for this type. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.



(119) Hastings' Golden Acre—Sensational Earliest Round



(105) Hastings' Long Island Wakefield, Best Large Early Pointed

**120 HASTINGS' GENUINE SUREHEAD**

Probably the most popular and most generally planted cabbage in the South. It is the result of a cross between Early Flat Dutch and one of the Drumhead varieties, resulting in a superb medium-sized hard-headed cabbage of mid-season maturity. Surehead is an exceptionally good variety for late summer and early fall plantings in Florida and Gulf Coast sections for maturing in winter. A very vigorous grower, uniform in size, shape and color. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**116 Succession** Medium to large size, solid and a reliable header, long a favorite with Southern market gardeners and shippers. A good second early and is a splendid general-purpose cabbage for fall plantings. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**100 All Seasons** As improved, is now a most valuable cabbage for the South. Heads are large and solid; flattened on top. It is a good, reliable header and resists heat and drought. Packet, 5c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**101 HASTINGS' SURE CROP** Earliest of all the large round flat varieties. Equally good for home use or shipment. On good rich soil with proper cultivation it makes heads weighing from 8 to 12 pounds. Very firm and solid, uniform in shape, and well flattened. Quality is most excellent, being crisp and tender and when rightfully cared for scarcely a plant fails to form a good head. Color a dark green, holding up well after being cut. Good late summer variety. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**117 Blood Red** Best red Cabbage.

**Erfurt** Medium size and sure heading variety. Largely used for pickling purposes, but fine for all Cabbage uses. Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**110 HASTINGS' CENTENNIAL FLAT DUTCH**

This is beyond question the best of the large cabbages to plant for winter and spring maturity in the South. It is both a heat and cold resisting sort and its exceeding great vigor in growth makes it a success under conditions where other varieties fail. It's a large, well-flattened type of cabbage that holds up fine in long-distance shipping. On very rich soil there is a tendency to grow too large, but this is easily controlled by rather close planting. This is the variety that takes so many prizes for large, heavy, perfect heads at the fairs. Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.



(120) Hastings' Genuine Surehead Cabbage



(101) Hastings' Sure Crop—Largest Medium Early Flat Cabbage

**111 Danish Ball Head**

A handsome hardy, late cabbage; medium-sized, very hard heads. Irregular growth of plant, which, however, does not seem to affect its valuable, hard-heading qualities. Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**126 Chinese Cabbage Pe Tsai - Chokurei**

The leading variety for home and market use. Finest in flavor and quality of all cabbages. Stripping off the outer leaves, you have a picture of lettuce and celery (mid-ribs) combined—cool, crisp and inviting. Cook like cabbage, use for salads, as celery or asparagus. Heart is pure white, tender, sweet and delicate in taste. Very hardy and will keep over winter if stored in a good cellar. Plant in early fall in Florida and along the Gulf Coast. Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.



(110) Hastings' Centennial Flat Dutch, Greatest Cropper Known

**HASTINGS' BIG 4 Cabbage Collection**

**"Big 4" Finest Varieties** Four varieties: Stein's Early Flat Dutch.

Long Island Wakefield, Hastings' Genuine Surehead and Centennial Late Flat Dutch have been known for years as HASTINGS' "Big 4" and planted by tens of thousands of Southern gardeners. It has given an all season's supply of cabbage, early, medium and late for everyone who has planted it. At catalog prices these four packets of the best varieties would cost you 40 cents. We will send you these four packets for 25 cents, postpaid. In buying our "Big 4" Cabbage Collection you get the biggest and best value in good cabbage seed offered by any seed house. Include it in your order this fall. If you don't want to plant all the varieties this fall the seed will be all right for spring planting. While our Centennial Flat Dutch and Surehead are both first-class for early spring planting they are equally good for summer and early fall plantings. You will make no mistake in ordering HASTINGS' "BIG 4" Cabbage Collection this fall. It is great value for the money and you can't get HASTINGS' SEEDS anywhere but direct from HASTINGS'. Don't wait, expecting to go up to your merchant at planting time and get them. They won't be there. HASTINGS' SEEDS are never put up in boxes to be sold in the stores. You can only get HASTINGS' SEEDS direct from HASTINGS' in Atlanta. We have no agents. Send your order to Atlanta. You will then know exactly what you are getting—the BEST.

**BIG 4 CABBAGE COLLECTION, 25 CENTS.**

# HASTINGS' CARROT SEED

THE CARROT IS A PARTICULARLY WHOLESOME VEGETABLE

**Culture** Carrots deserve a more general cultivation in the South. The young, tender roots are excellent stewed or boiled, either alone or with meat, as well as for seasoning and for flavoring soups. Select rich or well manured soil worked deep, because this is a deep rooted crop and the soil should be prepared deep enough to allow the roots to penetrate the soil without difficulty. Sow in shallow drills, 16 to 18 inches apart, in August and September. In Florida and along the Gulf Coast sow seed from September to December. Make several sowings about two weeks apart so you will have a succession crop. When plants are well started, thin out to four inches apart in the row. Cultivate frequently; keep ground free from weeds and grass. Sow 1 ounce of seed to 100 feet of row. Carrots mature in 6 to 10 weeks from planting.

**65 Chantenay** The Best Carrot. This fine stump-rooted variety we consider the best of its class. It's a half-long sort unexcelled in quality and productiveness. Very uniform in growth. Flesh deep golden orange color. Roots 3 inches in diameter at top, about five inches in length, gradually tapering in a very symmetrical manner to base. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**66 Oxheart or Guerande** The Famous Stump Rooted Variety. This fine variety is the best of the shortened, thick-formed carrots. Roots are four inches wide at top and taper to a 2-inch diameter at bottom. Length from five to six inches. Roots are very free from hard core and of the finest quality for table use. Both skin and flesh are highly colored. Being very short they are easily pulled from the ground where the long sorts often have to be dug. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**67 Red St. Valery** Drouth Resisting Favorite. Roots very smooth and regular in growth, of large size, from 10 to 12 inches in length, and from 2 to 3 inches in diameter at the top, tapering gradually throughout. Rich, deep coloring, and free from hard core. A favorite with our customers, especially in drouth sections. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**68 Danvers Intermediate** Bright orange color, very smooth and finely formed. Produces more weight to the acre than any other half-long variety. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**69 Improved Long Orange** Old, well-known variety. Roots long and of a deep rich orange color. A very heavy cropper, so heavy in fact, that it is profitable to grow for stock feed, while in quality it is a table carrot. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

The value of root crops for stock is just beginning to be appreciated in the South. One of the most valuable is the

Belgian Carrot, an immense cropper, having produced as high as 20 tons of roots per acre. In the Central South they are easily kept for feed all through the winter, while in the Lower South they can be left in the ground all winter and pulled as needed. The use of carrots in connection with dry feed helps keep the animals in good condition and in milk or dairy cattle the flow of milk is largely increased. One thing must be remembered when large crops are wanted, and that is the crop must be fed with manure or commercial fertilizers. Sow in drills 3 feet apart, using 4 pounds of seed per acre. When well up, thin out the plants to 6 inches apart. They should be grown on land that has been previously cultivated and worked deeply. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., 90c.

## CELERY

For late summer and fall planting, celery is strictly a crop for Florida and the lower Gulf Coast country, sections not ordinarily subject to extreme cold during the winter. It is a most important commercial crop for Florida and there is no reason why it should not be just as largely and successfully grown in Southwest Texas as a market crop. Celery requires rich and moist soil. If not rich it can be made so by proper fertilizer. In Florida and Gulf Coast section sow seed in August and September in shaded beds, covering seed not over half inch. When 6 inches high transplant to open ground. Celery planted as above should mature in following March and April. It brings in as high as \$1,500 per acre. One ounce of seed sows 400 feet of row or makes 5,000 or more.

**77 GOLDEN SELF-BLANCHING** A variety for market gardeners. Best early Celery. Medium size, compact, stocky, yellowish green foliage, blanching with minimum attention. Crisp, tender, quite stringless; nutty flavor. The finest of all celery is produced with our Golden Self-Blanching. Packet, 10c. ½ Oz., 45c. Oz., 75c. ¼ Lb., \$2.50. Lb., \$8.00. 5 Lbs., \$32.00. Price has been as high as \$25.00 a pound.

**78 Easy Blanching** A new variety of exceptional merit and it is meeting with great popularity. The plant grows rather dwarf and compact with foliage light green tinged yellow. It is a vigorous grower with thick stalks of excellent quality. Very desirable for the amateur because it blanches more easily than any other variety and even the first time you grow it, it should equal any celery you could buy at the market both in quality and looks. Easy blanching is a medium early variety, one of the best keepers and fine for winter and spring use. Packet, 10c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$5.00. 5 Lbs., \$20.00.

**80 Mexican Solid Celery** Stalks rounded, crisp and solid. Its flavor is fully equal to that grown in the famous Kalamazoo (Michigan) celery district, having the rich, nutty flavor so desirable in celery. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

**76 White Plume—79 Giant Pascal** Old, well-known varieties, preferred by many planters. Each: Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

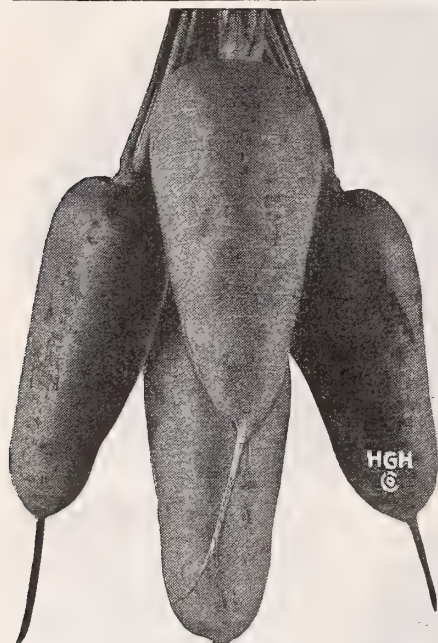
## 75 CELERIAC

¼ Lb., 90c. Lb., \$3.00.

or Turnip Rooted Celery. It is mostly used for flavoring. Cultivate the same as for celery except that it requires no hilling up. Packet, 10c. Oz., 30c.

# HASTINGS' CUCUMBERS

**See Page 21.** We are listing Cucumbers under Fall Crops for the Lower South this year. We sell large quantities of our famous Cucumber seed each fall in the lower South. See Page 21.

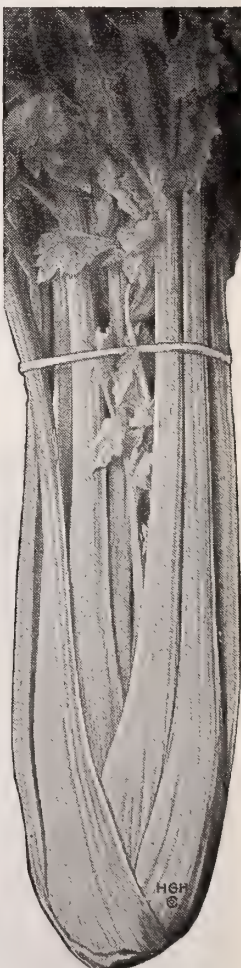


(65) Chantenay Carrot—The Standard.

## 70 Large White Belgian Carrot For Stock Feed Only



(68) Danvers Carrot



Easy Blanching Celery



(190) Hastings' Improved Large Purple Thornless Eggplant  
The Finest Eggplant in the World for All Purposes

**194 FETTICUS or CORN SALAD** Large Green Cabbaging. For winter or spring salad or garnishing; a good substitute for lettuce or spinach. Doesn't do well in hot weather so plant in fall or as early as possible in spring. Ounce plants thirty feet of row. Packet, 10c. Oz., 15c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

**KALE OR BORECOLE** FOR WINTER GREENS Kale is more hardy than cabbage and will stand through the entire winter in any ordinary season in the central and lower South. Sow the seed thinly in drills in September and October and you should have no trouble in gathering the finest flavored "greens" you have ever eaten. Sow one ounce of seed to 100 feet of row. Matures in 3 to 4 months.

**200 Early Green Curled** SIBERIAN KALE—Usually sown in the fall for spring use. It is rather low growing with fine curled leaves of deep green color. The young leaves are tender and delicate in flavor. Easily the best Kale and for delicious "greens." Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**KOHL-RABI** While it has many of the characteristics of the cabbage family the edible part is the bulb, that forms above the ground. In the lower South and Florida it can be easily grown with August to October sowings. Seed can be sown thinly in rows where plants are to stand and thinned to six inches apart or sown in beds and transplanted like cabbage. Sow ½ ounce to 100 feet of row; 2 Lbs. per acre. Matures in 8 to 10 weeks.

**202 Early White Vienna Kohl-Rabi** Bulbs are of a pale, whitish green color. They are hardy and you can have nice, tender bulbs all through the fall. Gather bulbs while skin is tender, slice, and cut off the hard lower portion. Bulbs are of very mild, delicate, cabbage-like flavor, most delicious. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**LEEKS** Hardy onion-like plant that does not make a bulb. It has a long, well-thickened neck resembling young onions, but much larger and thicker. When plants begin to get some size the earth should be drawn up around the necks to blanch the stems white and increase the tenderness and fine flavor. Sow one ounce to 100 feet of row.

**203 Large Carenten Leek** Grows to large size, the stems large and thick. In rich soil, well earthed up, the edible portion is 6 to 8 inches long by 2 to 3 inches across. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

## HASTINGS' EGGPLANT

While mostly grown from winter and spring sown seed, it is a most satisfactory and profitable crop for late fall and winter shipment from South Florida. For October to January shipment seed should be sown from July to September. Plant ½ pound of seed for plants for one acre. One Packet of seed furnishes plants for 100 foot row. Ready to use in about 120 days from seed.

### 190 Hastings' Improved Large Purple Thornless Eggplant

The standard for purity and excellence in all market gardening sections of the South. It has been grown since 1896 by market gardeners with profitable results and in home gardens with entire satisfaction. Our seed is pure and the plants over 90% thornless. In a properly cultivated crop streaked or off-colored fruits are almost unknown. Plants are large, strong and vigorous, each plant producing from 5 to 8 large fruits of dark, rich purple color. The earliest of all large fruited varieties; the vigor and strength of this variety makes it less subject to the effect of "blight" and "die-back" which is disastrous in so many sections. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.50. Lb., \$5.00. 5 Lbs., \$20.00.

**189 Florida High Bush Eggplant** Especially desirable for home gardens and nearby markets. Plants are prolific, strong and stand bad weather remarkably well. Fruit or "eggs" grow higher off the ground than others which is advantageous in keeping out rot and blight. Fruit is a uniform dark purple and very attractive. Excellent for slicing with tender fine quality and no waste. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.50. Lb., \$5.00.

**191 Black Beauty Eggplant** Popular and very desirable for the market because the fruits hold their dark, rich, purple color a long time. They are large, almost as large as our Improved Large Purple and slightly earlier; symmetrical in shape, prolific and of good quality. Standard and very satisfactory. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.50. Lb., \$5.00. 5 Lbs., \$20.00.

**ENDIVE** One of the best salads for fall and winter use and very desirable for greens, flavoring soups and stews and for garnishing. You should grow Endive because it is really worth while. It is a shame so few people know about this splendid and beautiful salad plant. Sow seed in July or August for fall use or early in spring for early summer use. Drill shallowly and thin out or transplant in good soil. Ounce plants 50 feet of row.

**193 Early Green Curled Endive** Standard and most popular use. Hardy, vigorous growing, with bright deep green leaves. The dense mass of deeply divided leaves formed in the center is easily blanched to a rich cream color. For blanching, when nearly grown, tie up or shade the heads while dry. Finest and most wholesome for salads and flavoring. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**192 Escarole, Broad Leaved Batavian** This Endive variety has wide, twisted or waved bright green leaves, with thick, nearly white midribs. The inside leaves form a head which blanches creamy white. Crisp and tender, desirable for garden or market. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.



(200) Kale or Borecole Plant for "Greens"

# HASTINGS' LETTUCE SEED FOR HOME GARDEN

Lettuce seed is one of our great specialties, and in addition to supplying over two hundred thousand family gardens each year we sell thousands of pounds of highest grade lettuce seed to shippers and market gardeners. Our great market varieties, **BIG BOSTON**, **HASTINGS' DRUMHEAD**, **FLORIDA HEADER**, **DIXIE HARD HEAD** and **CALIFORNIA CREAM BUTTER**, are supreme. The high quality of **HASTINGS' Lettuce Seed** is known everywhere in the South where Lettuce is grown, for purity, hardness of head and slowness to run to seed. Our lettuce seed is all grown in California by our grower, whom we consider the most careful lettuce seed grower in the world, and the growing crops are personally inspected by our Mr. Hastings or Mr. Freeborn so as to insure the quality being kept up to the **Hastings' standard**. Do you know of any seed firm where the head of the house, or another officer will travel over 6,000 miles each year to see that every possible care is taken to have the lettuce seed just right?

**210 BIG BOSTON** Big Boston is of the Butter Head type. Ours is perfection in this variety, and you cannot buy any Big Boston Lettuce at any price that is superior to our strain. The heads of this strain are so firm and solid that almost every head has to be cut open before the seed stalks can grow. It is a standard market garden and shipping variety, being grown almost exclusively in many sections for shipment and for market. Extra large, round, firm heading variety, and makes a good appearance in market. Our seed of this variety is grown for us by a lettuce seed specialist whom we consider the best in the world. Our seed of Big Boston is the surest and hardest heading stock that you can obtain. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

**216 HASTINGS' ICEBERG CRISP LEAF TYPE—** For forcing or home gardens. A beautiful as well as useful variety. Exceedingly crisp and tender, growing a long time before running to seed. Known as a "crisp-leaved" hard-header. Splendid for open ground planting or for forcing. Heads of conical shape and medium size. Heads tightly fold and blanch to a beautiful white. Outer leaves are crinkled and light green, growing closely up around the head. Packet, 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$1.75. 5 Lbs., \$7.00. (Notice Picture on Front Cover.)



(210) Hastings' Specialty—Big Boston Lettuce

**215 Hastings' Florida Header BUTTER HEAD TYPE—**A leading Lettuce for home and market. Heads quickly, slow to run to seed, resistant to heat and cold. Crisp, tender, wonderful appearance and there is no better large solid header. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

**225 May King BUTTER HEAD TYPE—**Medium small, light green, tinged very slightly at edges with brown. Early and especially suitable for all outdoor culture in the South, heads attaining a size suitable for use before other sorts in open ground. Also extensively used for forcing, forming very firm heads of medium size and excellent quality in the shortest time. May King is a very compact grower and is very desirable for home garden use as well as for marketing. Packet, 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$1.75. 5 Lbs., \$7.00.

**212 Hastings' Superba BUTTER HEAD TYPE—**The biggest lettuce of all, a most beautiful solid, extra large heading variety, especially resistant to heat. Outside leaves light green, becoming more and more yellow towards the center. Especially desirable for home gardens and markets; but not for shipment. For crispness, tenderness and freedom from bitterness it is unexcelled. Packet, 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

**221 DIXIE HARD HEAD BUTTER HEAD TYPE—**It is such a hard header that it is very difficult to get it to produce seed. In general character much like California Cream Butter, but is a much harder header, presents better appearance in market, and is slower than any other variety to run to seed. Each year we are more impressed with its great value for home or market gardeners. Large, solid heads. Packet, 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

**REMEMBER—GOOD GARDENS COME FROM GOOD SEEDS.**



(221) Dixie Hard Head Lettuce

## 211 HASTINGS' DRUMHEAD CRISP LEAF TYPE — Also called Los Angeles Market, New York and Wonderful.

No variety that we have ever carried has had a steadier sale. Superb for home gardens and for market. When properly grown it reaches large size. One gardener near Gainesville, Florida, produced a single head weighing nearly 4 pounds. It is always large, with outer leaves a clear, light green color; inside of the head almost pure white. Leaves are large, extra crisp and tender and entirely free from all bitter taste. The most popular lettuce grown in America. Generally wrongly called Iceberg on the market. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**220 CALIFORNIA CREAM BUTTER HEAD TYPE** known as "Royal" in some localities. Good for open ground planting at all seasons in the South. Fine variety for market gardeners and shippers. Heads large and solid, the inside bleaching to a beautiful cream yellow when properly grown. The pure strain of this variety can be distinguished by the small bronzy spots on the outer leaves. You will be delighted with this sweet juicy lettuce. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.



(211) Hastings' Drumhead—Greatest Shipping Lettuce

# AND MARKET CROPS

**209 Mignonette Lettuce** CRISP LEAF TYPE—A delicious, curled or crisp, small heading lettuce especially adapted to outdoor winter crop growing in the lower South and for cold-frame culture further north. Leaves are quite crumpled and form a small but very compact hard head which is very slow to run to seed. Excellent quality, with bronzed outer leaves. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**214 Grand Rapids** LOOSE LEAF TYPE—Best of all for forcing. Quick growing, hardy, upright, making a loose cluster of large savoyed or crimped leaves. Very attractive for garnishing and leaves hold up after cutting. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

**222 Improved Hanson** CRISP LEAF TYPE—Large, bright green, broad, somewhat crumpled and frilled at edges. Inner leaves white, crisp, thin and sweet. Fine garden lettuce. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

**208 CHICKEN LETTUCE** LOOSE LEAF BUTTER TYPE—See the picture of this medium green, curly leaf, cutting lettuce. It is called "White Early for Picking" in Europe, where it originated. It produces the largest mass of leaves of any known variety; is non-heading, has a spreading habit, and is the largest plant of lettuce in cultivation at maturity. Eating quality is lacking. Its great value is for green feed for poultry, pet stock and occasional greens for live stock. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

## Well Known Varieties of Lettuce

**223 BLACK SEEDED SIMPSON.** **219 PRIZE HEAD.**

**213 BROWN DUTCH**—Bronze leaf. All good standard varieties that are popular wherever grown. Each—Packet, 5c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

**217 WHITE PARIS COS** This is true Romaine, the Celery Lettuce. Crisp, tender leaves and delicate flavor. Try some this fall. Fine. Packet, 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.



(278) Hastings' Mustard for Fall and Winter Greens



(208) Hastings' Chicken Lettuce—Largest Growth of All

## HASTINGS' MUSTARD FOR WINTER SALAD

Mustard is used as a condiment but the chief use is for greens or salad. The green leaves are boiled like Spinach or Turnip tops and make one of our most popular "greens." Plant a plenty and it is well to make successive sowings.

**Culture** Sow in any good garden soil thickly in drills 14 to 16 inches apart. Give clean culture, keeping free from grass and weeds. Leaves are large enough to use as a salad in from November for fall and winter greens, and January to April for spring and summer greens. Plant one ounce of seed to 200 feet of row.

**278 Giant Southern Curled Mustard** No spring garden is complete without a patch of mustard for early salad. Our Giant Southern Curled is the very best of the finely curled strains, really beautiful enough to grace a flower garden. It is slightly pungent, crisp and tender and can be eaten like lettuce or boiled for "greens." The Hastings' strain of Southern Curled is the same as offered by one or more of the Northern seedsmen as "Ostrich Plume." If you like mustard you will be pleased with this. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**277 Chinese Mustard** An entirely distinct, yet thoroughly good variety of mustard of which we have sold thousands of pounds during recent years. It is of much larger growth than the Curled, about the same quality for salads or boiling and remains in condition for use a long time. The quick, almost rank growth of the Chinese, insures tenderness, mildness and freedom from bitter flavor. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**279 White Mustard** This is the variety the seeds of which are used in pickling for family use, and the seed when ground up compose what is known as "mustard" in the stores. Packet, 5c. Oz., 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00.

**QUANTITY PRICES**—Write for our special quotation on 10 Lb. lots or over.

## OKRA

**SEE PAGE 21.** Hastings' Georgia Grown Okra, well known as the finest strains in existence, are listed with "Fall Crops for the Lower South." We sell a large quantity for fall planting in the far South. Okra or Gumbo is a very popular Southern vegetable. See Page 21.

## HASTINGS' COMBINATION SALAD

**280 "Greens" or "Salad"** is wanted more than anything else we sell for late summer and fall plantings. Most people like a variety of greens for both spring and fall plantings and just lots of our good customers in and around Atlanta come in our local store and ask us to mix them up a combination of several kinds of greens. They like to plant them all at the same time, either in rows or broadcast, and have good tender greens for boiling for a long time.

There really is a distinct advantage in having a combination. A whole lot of Turnip Greens or a whole lot of Mustard or Rape or Kale easily gets tiresome to eat when it is on the table every day. When the four salad vegetables are served together you not only have your favorite but also you have an entirely different salad, a flavor of each but a combined taste that will make you like "greens" more than ever.

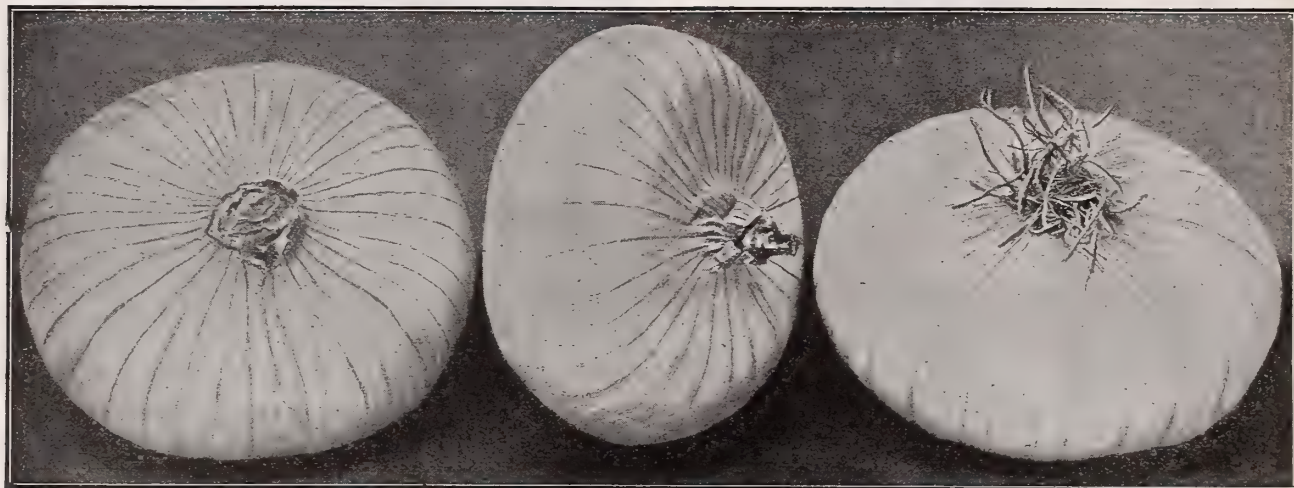
Upon request by so many local customers we mix in well balanced proportions these four splendid "greens" and now keep it in stock already mixed at all times. This is so much more satisfactory than taking a packet of each and pouring them together. More Rape comes in a regular packet than Kale or Mus-

tard and so the proportions would be wrong, and also a person desiring only a dime's worth wants and should have just as good a mixture as another who might want several pounds of seed.

Our customers with small gardens, and most town gardens are small, haven't space enough for several kinds of greens when they also want beans, peas, tomatoes, squash, peppers, beets, carrots, radishes, Brussels sprouts, lettuce, etc. To these we particularly recommend Hastings' Combination Salad. However, our farm customers also want a variety of greens and many of them prefer to grow as well as to boil them together. The big majority of home gardens on the farms are so small that many town gardens put them to shame, and it sure is a shame, but in a small or a large home garden we believe you will like this nicely balanced Combination Salad for some mighty good boiled dinners this fall and winter. Hastings' Combination Salad is our own mixture of Turnip, Mustard, Kale or Borecole and Rape—properly proportioned to give you some fine boiled dinners within a few weeks and many more until you've eaten them all up.

**Price**—Ounce, 10c. ¼ Lb., 25c. Lb., 75c. 5 Lbs., \$3.00. Not Prepaid—10 Lbs. or over, 50c per Lb.

# HASTINGS' BERMUDA ONIONS



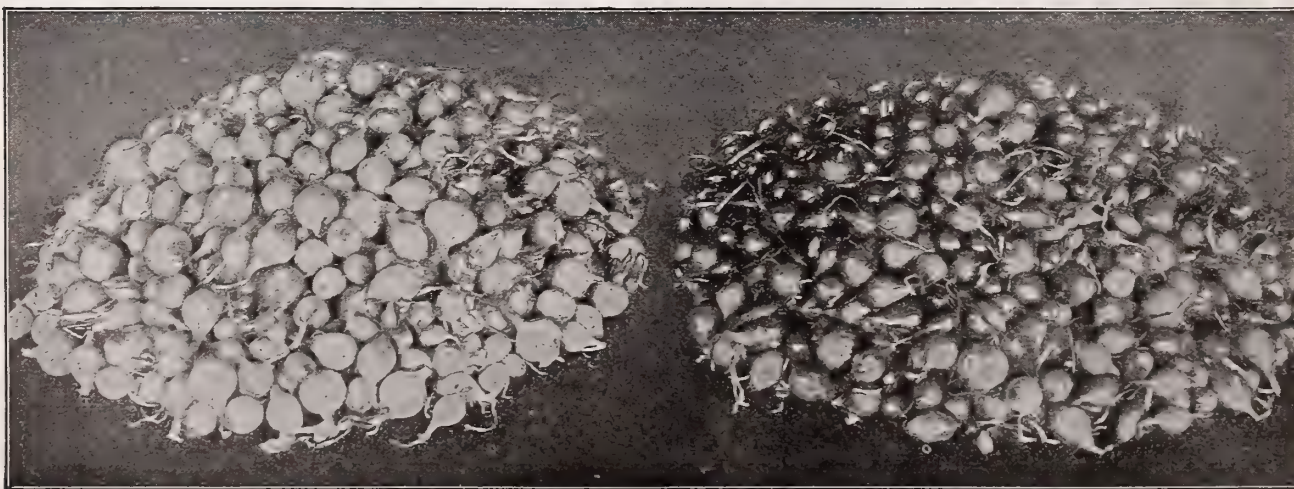
(289) Hastings' Bermuda Onions—Earliest, Mildest Flavored—Most Attractive Onions in the World

Back about 1890 this firm introduced the Bermuda Onion as a commercial crop to Florida. Later to South Texas and still later to Southern California. It has made good to an extent that no other onion type ever has. Each year millions of dollars' worth of Bermuda Onions grown from fall planted seed are shipped to Northern markets from Texas, Florida, California and the Gulf Coast.

We recommend the Bermuda varieties to you unreservedly for earliness, good yields and mildness of flavor. They are equally good young for pulling green or after fully matured. They are so mild in flavor that many people eat them raw, like an apple.

**288 Yellow Bermuda Onion** The most widely and largely planted of the Bermuda varieties. Before we introduced our Crystal Wax this was generally called White Bermuda, although it is a light yellow or straw color. This is the variety that made Texas famous as an onion growing State and we have always rightfully claimed that Hastings' is the finest seed in the world. The higher quality Bermuda Onions grown from Hastings' Seeds bring the highest market prices and often premiums above the best market prices. Our illustration shows the Bermuda as grown from October planted seed. Less than six months from seed sowing to fully matured onions. Because of its mildness it is immensely popular with millions of people who dislike the strong flavor of most onions. Packet, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 40c.  $\frac{1}{4}$  Lb., \$1.25. Lb., \$4.00.

**289 Hastings' Crystal Wax Bermuda** The most attractive onion in the world. Our own introduction and one of which we have been exceedingly proud. It is the only pure white Bermuda Onion and has a most beautiful waxy appearance that makes it sell on sight in the retail markets. In New York and other large markets our Crystal Wax sells at 25 to 50 cents per crate above the Yellow Bermuda. Except in color it is identical with the Yellow Bermuda; has all its desirable qualities combined with much more handsome appearance. Hastings' Crystal Wax is an excellent home garden Onion as well as for market gardens and shipment. Being such a mild and beautiful Onion and so easily grown it is especially suited to home garden use. This is the mildest and earliest of all Onions. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.75. Lb., \$6.00.



From a Photograph Showing Hastings' Screened and Well Cleaned Silver Skin and Yellow Globe Onion Sets

**SILVER-SKIN ONION SETS** Sets from White Skin seed. Make large silvery white onions of fine quality when mature. Lb., 40c. 8 Lbs. (pk.), \$1.75; postpaid. Not Prepaid—32 Lbs. (bu.), about \$4.50. Write for our best quantity prices when ready to buy.

**YELLOW ONION SETS** Make medium sized, globe-shaped yellow onions. Lb., 40c. 8 Lbs. (pk.), \$1.75; postpaid. Not Prepaid—32 Lbs. (bu.), about \$4.25. Write for quantity prices.  
**Garlic Sets** Pure Italian Garlic Sets. Pound, 40c. 3 Lbs. for \$1.00; postpaid.

# ONION SEEDS

The Bermudas are the earliest to mature, and hold a distinct place, both as a commercial crop and as well for home gardens and nearby markets. There is a place, however, that they do not fill. They are early and the quantity of them grown is so small compared with the large and steady demand for onions that the Bermudas seldom take care of the market over two months in the year. This leaves a nine or ten months' demand to be supplied with other varieties, for the Bermudas, unless carefully handled, do not keep well over three months. Do not plant too early. Onion Seed will not germinate well in the hot weather we generally have in August and first half of September. One ounce plants about 200 feet of row.

**296 Hastings' Prizetaker** Our Prizetaker Onion is of the very best American growth, far superior to all imported seed and 'way ahead of the Prizetaker Onion offered by most American houses. It has been most successfully grown in all parts of the Central South from both fall and spring sowings. It is very large, frequently measuring 12 to 18 inches in circumference, and fine bulbs have been raised weighing from 4½ to 5 pounds each. During the last five years we have seen some splendid market crops of Prizetakers raised even under very unfavorable conditions, not only in Georgia, but in practically every one of the Southern States, showing Prizetaker to be well adapted to our entire section. Prizetaker is a light straw-colored onion with a pure white flesh, very fine grain with rather mild flavor, and will keep for any reasonable length of time. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**295 Extra Early Barletta** Pure white, growing about one inch in diameter and just the right size for pickling. Packet, 10c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**300 Silver Skin Onion** White Portugal. A famous variety for raising sets because the little bulbs are so uniform. Also a pickling onion with silvery white skin and mild flavor. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

**290 Giant White Tripoli** Also known as El Paso or Large Mexican. A large flat, pure white, mild onion. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

**286 Extra Early Red** First red onion to ripen. Bulbs are firm, medium sized, uniformly flat, moderately strong flavored. Flesh is white tinged purple and skin rich purplish red. Earlier than Red Wethersfield and very desirable for early market and home use. Keeps well for an early onion. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

**294 Yellow Globe Danvers** Very productive and a good standard variety for both home use and market. A fairly good keeper, solid, rather mild; earlier than the Hastings' Globe Onions. Skin of pale yellow color. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.



(292) One of Hastings' Big Globe Onions Grown Direct From Seed

**292 Hastings' Snow White Globe Onion** Our illustration shows the shape of these onions. Handsome snow-white bulb, with a waxy appearance. It is large, firm, rather mild, and a first-class keeper. Remarkably even and uniform in growth; will always prove a favorite wherever it once appears on market. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

**291 Hastings' Dark Red Globe Onion** Has a richness in coloring of the skin that is found in no other. Onions are large, perfectly globe-shaped, and of rich, deep dark red color. Exact shape and size of the White and Yellow Globe, the only difference being in the color. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$2.75. 5 Lbs., \$11.00.

**285 Large Red Wethersfield** One of the oldest varieties listed by American seedsmen and has retained its popularity wonderfully well through the years. It's easily grown to full maturity from the black seed and is a fairly good keeper into winter. Almost round, of large size and deep red color. In flavor decidedly pungent. Packet, 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

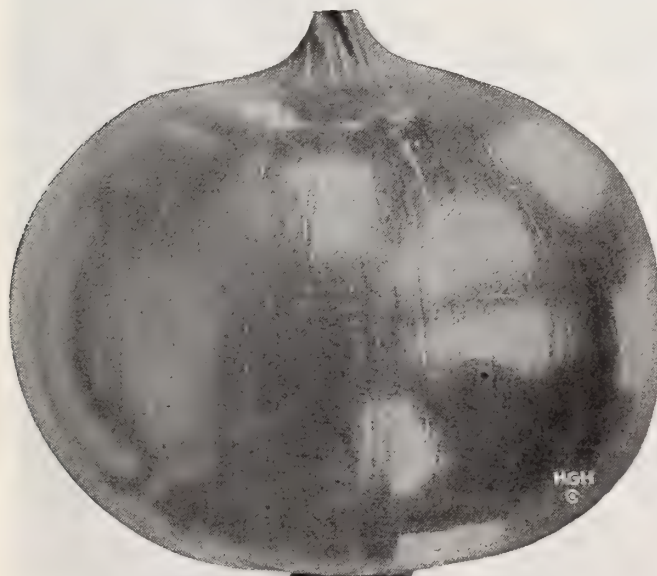
**297 Australian Brown** One objection a good many folks have to growing onions is the fear that they won't keep over. Australian Brown is the answer to these doubters, for this variety has been known to keep in perfect condition (except for a little shrinkage and loss of weight) for a solid year from the time it was pulled from the ground. For a late maturing, long keeping onion to last for a long time, stored in a dry place, Australian Brown has no equal. If you plant the Bermuda, Prizetaker or the Hastings' Globe varieties and Australian Brown, you can count on a supply practically the year round. About a month later than the earlier sorts but of neat, round shape, very firm and solid, the longest keeping onion known for warm climates. Packet, 10c. Oz., 20c. ¼ Lb., 60c. Lb., \$2.00. 5 Lbs., \$8.00.

## Hastings' Onion Collection, 25c.

You can't find a better year-round selection than this. Three large packets of the finest onions in cultivation; varieties early, medium and late in maturing and the most popular varieties on our whole list. Prizetaker, Australian Brown and Hastings' Genuine White Crystal Wax Bermuda Onion Seed.

This splendid collection gives you a welcome variety and a selection that will last you practically the whole year. You cannot obtain better varieties or better seed anywhere.

**HASTINGS' ONION COLLECTION—25c POSTPAID.**



(297) Australian Brown—The Long Keeping Onion

# Garden or English Peas for Planting in the South

Many of our customers don't plant Garden Peas because they don't bear long enough. Plant seed deeper and work soil up

around stalks, and Peas will stay in bearing twice as long. You should plant more Peas.

## Culture

For fall planting in the Central South, Garden Peas should be sown early in September, especially the second early varieties. Extra early sorts, such as John L., can be sown throughout September and will mature before frost. In Florida and along the Gulf Coast they may be sown during any of the fall months, October and November being preferable. Sow in drills, covering seed 2 to 3 inches deep, according to soil. To avoid the necessity of staking or brushing, plant the peas in double rows 6 to 8 inches apart, and when the vines get large enough run them together. Most varieties of the earlies and second earlies are of sufficient stiff growth to support each other in this manner. Plant 2 pounds of peas to 100 feet of row. 56 pounds of wrinkled or 60 pounds of smooth peas make a bushel.

### 316 Hastings' John L.—Quickest Growing Pea

Earliest of all the extra early varieties; for home use, market or shipment. Since 1896 it has held the record for earliness against all of the best strains of early peas sold by other American seedsmen and during that time no pea has been introduced that equals it for earliness and productiveness in the extra early class. John L. is a standard with Southern gardeners, both for shipping and home markets, and every year we sell hundreds and hundreds of bushels of this variety to Florida shippers. Plant these early Peas this fall and have tender, delicious peas on your table and have them to sell at fancy prices. That's good gardening. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 16c per Lb. 100 Lbs., 14c per Lb.

### 317 Alaska Extra Early

in earliness and is the best quality and heaviest bearer of all the round-seeded extra early varieties. A splendid shipper and canner and one of the very best you can plant in the garden for extra early home use. Foliage and pods light green; pods 2½ inches long, round, straight and square ended, containing six peas. Seeds are of bluish shade, well rounded out and the fresh peas are about equal to the wrinkled peas in quality. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 16c per Lb. 100 Lbs., 14c per Lb.

Next to John L., this is the best, round extra early Pea; about one week later than John L.

### 315 Hastings' Extra Early Surprise Pea

This extra early, wrinkled Pea beats them all in combining earliness, heavy-bearing and most delicious eating quality. While a true wrinkled variety it is a very early bearer. Vines grow 20 to 24 inches high and require no "staking" or "brushing" when planted in double rows. Foliage and pods are light green; round pods containing 6 medium sized green peas are 2½ inches long, with blunt ends. Uniform in maturity and yet very productive; fine for canning, shipping, marketing and eating at home. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—10 Lb. lots, 18c per Lb. 100 Lbs., 16c per Lb.

(316) Hastings' John L.  
Extra Early Peas

### 318 Hastings' Genuine Early Bird

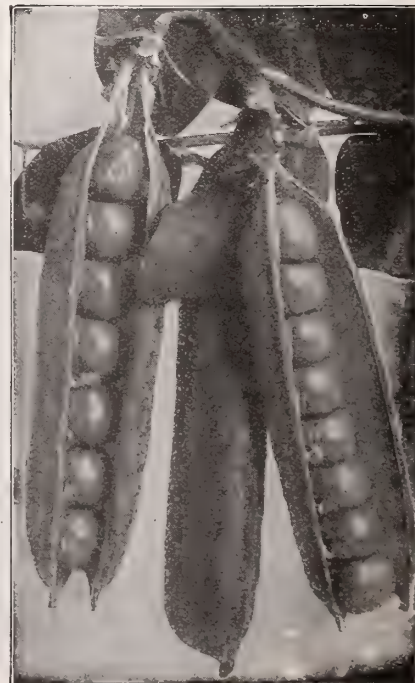
Please don't confuse this wonderful "Round-Seeded Thomas Laxton" Pea with the old Laxton's Superb or Blue Bird now sold as Early Bird by several eastern seedsmen. Read the description of "Thomas Laxton" on next page. Our Genuine Early Bird is quite identical except with the added advantage of almost round seeds. This allows earlier spring planting and with far less danger of seed rotting in cold, wet ground than with wrinkled seeds. It is a wonderful fall planting variety. Heavy bearing, vigorous dwarf bush and large, full, straight, blunt pods. Packet, 10c. ½ Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—10 Lb. lots, 22c per Lb. 100 Lbs. or over, 20c per Lb.

### 330 Gradus or Prosperity

This is a superb extra early wrinkled variety with immense pods, is hardy and prolific. Grows 2½ feet high, strong and vigorous. Quality delicious, 3¼-inch medium green pods with 6 to 8 large, sweet peas. Pods are uniformly well shaped, pointed and much more handsome than the first early varieties. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 18c per Lb. 100 Lbs., 16c per Lb.

### 324 Laxtonian

This handsome new early wrinkled Pea is the easy leader of the large podded dwarf growth varieties. This type has grown rapidly to the front and is in great demand. Very large, dark green pointed pod 4 inches long, with large, light green, flattened wrinkled peas of fine quality. Dark green vines about 15 inches high; vigorous and very productive. Packet, 10c. ½ Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 20c per Lb. 100 Lbs. or over, 18c per Lb.



(323) Thomas Laxton—Best Pea

**323 THOMAS LAXTON** This pea is considered the finest pea in cultivation. It is early but a heavy bearer and professional growers as well as home gardeners say it is the greatest pea of today. Closely resembles the Gradus or Prosperity but harder and slightly earlier. Pods with 7 peas are about  $3\frac{1}{4}$  inches long, straight, well filled, rounded with rather a blunt end. The large wrinkled peas are of a greenish cream color and the plants are very vigorous growing. This is a very popular variety among the Florida and Gulf Coast growers. The flavor is very pleasing and the peas retain their tenderness. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 16c per Lb. 100 Lbs., 14c per Lb.

**331 Premium Gem** A dwarf wrinkled, extra early variety, growing about 15 inches high, and is one of the earliest of the good quality varieties for home gardens. Deserves its popularity. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 18c per Lb. 100 Lbs., 16c per Lb.

**314 Little Marvel** An excellent dwarf sort for the market and home garden. The pods average a little longer than those of Premium Gem, are more attractive in shape and color and the peas are of superior quality. The vines are heavily set with large, straight, deep green pods which are square ended and are well filled with 7 large tender peas. Peas dark green, wrinkled and very prolific. This is a recent introduction which trials show us to be of exceptional merit. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 17c per Lb. 100 Lbs., 15c per Lb.

## Second Early—Heavy Bearers

**329 Bliss Everbearing** The greatest favorite among our customers for home gardens and nearby markets. Height of vines, 2 to 3 feet. Pods 3 to 4 inches long, each pod containing 5 to 6 wrinkled peas of very fine table quality. Size of peas large to very large, frequently  $\frac{1}{2}$  inch in diameter. Its habit of growth is of peculiar branching character, forming as many as ten stalks to a single root. The individual or separate branches are of extraordinary strength and substance so that when hilled up properly they stand up well without "brushing." This variety is especially noted for its continuance of bearing, a characteristic which gives it special value. Even after repeated picking the vines continue to develop buds and blossoms which mature fine peas. Packet, 10c.  $\frac{1}{2}$  Lb., 25c. Lb., 45c. 2 Lbs., 80c. Not Prepaid—10 Lb. lots, 20c per Lb. 100 Lbs. or over, 18c per Lb.

**328 Hastings' Home Delight Pea** Planted by tens of thousands of our customers with entire satisfaction. Earliest bearer of the second early or heavy-bearing varieties; a strong, vigorous grower, coming in right after the extra early sorts, and while enormously productive is of such stiff, stocky growth that it can be grown without "brushing" when planted in double rows 6 to 8 inches apart, rows running together as soon as high enough. The sweetness and tenderness and heavy-bearing qualities give entire satisfaction. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 20c per Lb. 100 Lbs. or over, 18c per Lb.

**332 Champion of England** Richest, best flavored late peas. Tall growing, 5 feet, peas with wrinkled seeds; heavy bearer. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 75c. No larger quantities offered until winter.

**326 Sugar or Salad Pea** A distinct variety with edible pods, cooked and eaten in the same manner as snap beans. These are great favorites with those who have once used them. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 20c per Lb. 100 Lbs., 18c per Lb.



(329) Hastings' Bliss Everbearing Peas—Fine for Gardens

**327 Hastings' Improved Telephone Pea** One of the best tall-growing, wrinkled varieties; profitable to both home and market gardeners. 4 to 6 feet tall and must be supported; immensely productive, bearing 25 to 30 extra large pods to each vine. It has that excellent sugary flavor, so desirable in garden peas. Vines and foliage strong and heavy, medium green. Pods  $4\frac{1}{2}$  inches long, medium light green, straight, broad and pointed, containing 8 large, light green peas; main crop, productive. Packet, 10c.  $\frac{1}{2}$  Lb., 20c. Lb., 40c. 2 Lbs., 75c. Not Prepaid—10 Lb. lots, 19c per Lb. 100 Lbs. or over, 17c per Lb.

**PARSLEY** An extremely beautiful plant for garnishing. Can be grown in fall or spring in drills 15 inches apart. When plants become strong, thin to 6 inches apart. Parsley seed usually takes 3 to 4 weeks to germinate. Soak seed 12 hours in water before planting. Keep free from weeds. Sow 1 ounce to 200 feet of row.

**308 Extra Moss Curled Parsley** Our fine strain of Extra Moss Curled is the most ornamental of all varieties. It is handsome enough to have a place in your flower garden, a favorite sort for garnishing and to supply hotels and markets. It is planted almost exclusively by Atlanta market gardeners for that purpose. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**309 Double Curled Parsley** Plants of dwarf, compact growth, and the young leaves have the edges heavily crimped, giving a general appearance of coarse moss. Often used by market gardeners. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

**310 Plain Leaved Parsley** Is very hardy, a strong grower, and excellent for seasoning, for which purpose it is grown almost exclusively. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.



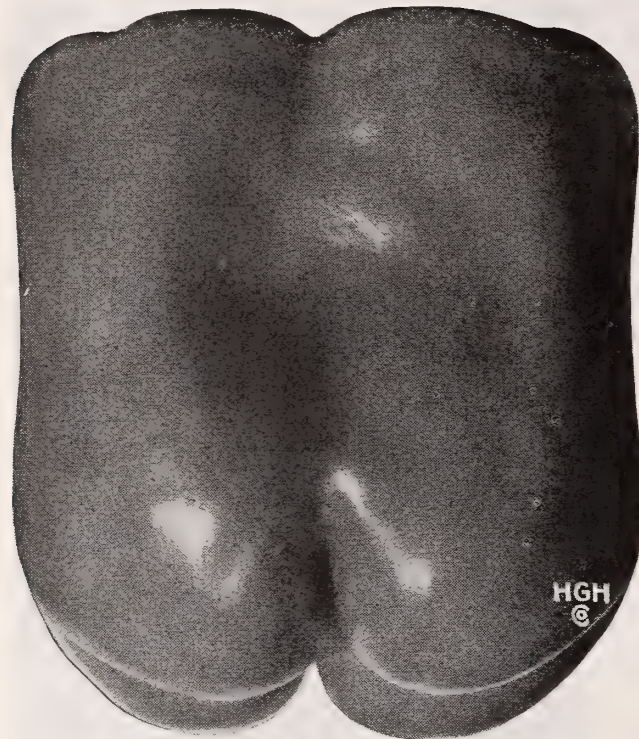
(308) Moss Curled Parsley Leaf



(328) Hastings' Home Delight—Fine Garden Pea

**PARSNIPS** Sow seed thickly in rows about 16 inches apart. In Florida and Gulf Coast section from September to December for winter and spring crop. Ounce plants 100 feet of row; use 5 Lbs. per acre.

**311 Improved Hollow Crown** Best all-round variety; leaves start from a depression in the crown of the root. Rich, very sweet flavor, immensely productive; ready for use in 80 to 85 days. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.



(346) Hastings' California Wonder—Great New Pepper

## 357-Hastings' Royal King

Introduced by us in 1917. While it is a superb sweet pepper for home and market use we want to especially call the attention of the trucker or shipping market gardeners to its regularity of size and shape, making it an exceptionally desirable variety for good packing and fine appearance on arrival in the markets. This will insure its being a top price seller at all times. It is very prolific, bright, glossy and of large size. The flesh is mild and thick and the lobes well filled out. It runs remarkably true to type and uniformity, and plants are of strong, stocky, erect growth. Taste it raw, stuff it with meat and bake it, or fill it with salads. You will like it. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.



(357) Hastings' Royal King—Ideal Bell Pepper

# SWEET PEPPERS

In fall planting, one ounce of seed will usually produce about 1,000 strong plants. Plant ½ Lb. to be sure of sufficient plants per acre.

## 346-California Wonder

The greatest Pepper ever introduced. It really is better than our Royal King. Nearly as large and earlier than true Chinese Giant, now almost extinct. Very large, square-shaped, four lobed, exceedingly mild, sweet, the thickest flesh and heaviest fruits of all Peppers. It packs well, ships well, holds up well; is exceptionally prolific and a true money maker for the grower. It sits upright, is ideal to stuff and bake or to serve whole with salad. Plants are of stocky, strong, erect growth. Fruits are uniformly regular in size and shape and well filled out. Picture below is of an average young green, first set fruit in our seed crop on the Hastings' Plantation, of course reduced in size. It changes to a brilliant light crimson. Packet, 15c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$2.00. Lb., \$7.50. 5 Lbs., \$30.00.

**355 WORLD BEATER** An outstanding strain of Hastings' Royal King type bell Pepper, now being extensively grown. Vigorous grower, sure cropper and very prolific. Fruits turn a beautiful scarlet, exceedingly mild; flesh thick and firm and an excellent shipper. Slightly more elongated than Royal King and in that usually slightly larger. You can't go wrong with World Beater. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.

**356 Large Bell or Bull Nose** The standard large variety for home use, market and shipping to Northern markets from Florida, Louisiana and Texas. Rather pungent flavor, early and a heavy producer of fruits 3 to 3½ inches long, and 2 to 3 inches across the shoulder. Deep green when young, bright crimson at maturity. Packet, 5c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**352 Ruby King** Fine sweet pepper for home and market use. Very vigorous grower with large, sweet, mild fruits. A close favorite with Large Bell, slightly larger and certainly much sweeter and milder than that variety. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.

**359 Ruby Giant** Hastings' Ruby Giant is a cross between Ruby King and Chinese Giant, having the good qualities of both yet without the undesirable qualities of either. It is very attractive, grows to large size, is exceptionally mild, and when ripe is of a bright scarlet color. Flesh exceedingly thick, sweet, and so mild that it can be eaten raw. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.

**348 Hastings' New Tomato** Pimiento selection, very mild and sweet with very thick flesh. Exceedingly prolific, fine for canning, delicious eaten raw or chopped in salads. Very uniform in size and shape, shaped like a small tomato and as fine a quality as you could desire. Packet, 10c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$24.00.

**350 Hastings' Golden Prize** Large, bright, golden-yellow variety; very sweet and mild. In some places this is eaten like an apple in the raw stage because it is said to cure chills and fever. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00. 5 Lbs., \$20.00.

**358 Hastings' Perfection** MILDEST FLAVORED OF ALL. It is absolutely free from the pungency of flavor distasteful to so many. Can be eaten raw like an apple, can be stuffed with meat and baked; can be used as a salad or canned for winter use. Has very thick, firm flesh which permits of its being scalded and peeled. The shape and regularity of size of this new and improved strain is wonderful. Packet, 10c. ½ Oz., 20c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.

# HASTINGS' HOT PEPPERS

**349 Long Cayenne** HOT. Our Long Cayenne is a burning hot pepper. Larger than Red Chili but just as hot and pungent. Cayenne is a long red pepper and this is the true type. Plant some of these for dried peppers during the winter. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.

**354 Red Chili Pepper** HOT. A well-known very hot, pungent variety. Fine dried for winter use. If you want very hot, pungent peppers for flavoring, Red Chili is fine. It is small and very bright red and exceedingly prolific. If you want the hottest peppers and a plenty of them, plant Red Chili. This is the best hot pepper we can possibly offer and it will please you. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.

**353 Tabasco Pepper** HOT. Famous pungent variety used to make Tabasco Sauce and is also grown for home and market use. 2½-foot plants, producing an abundance of extremely hot, bright scarlet peppers 1 to 1½ inches long. Easily gathered because fruits grow upright. Plant Tabasco for pepper sauce and late, hot peppers. Packet, 10c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$2.00. Lb., \$7.00. 5 Lbs., \$28.00.

**347 Anaheim Chili** HOT. Long, 1½ by 7 inches; highly desirable Pepper. Not too hot but pungent enough to add Pepper flavor to any salad. Excellent for table use and canning. Largest hot variety. Packet, 10c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$24.00.

**351 Hastings' Mixed Peppers** Almost all home gardeners want both sweet and hot peppers in their garden. This mixture gives you some of every kind in your garden. Packet, 10c. 3 Packets, 25c.

# HASTINGS' RADISH SEED

**Culture** Radishes require a rich, loose, moist soil, so they can be grown quickly. The crisp, tender flesh depends on rapid growth. Successive plantings should be made every 10 days to keep up a supply. For quick use plant the round or button Radishes. For later use plant the long and half-long varieties, as they root deeper and resist heat and drought. Winter Radishes should be sown in August and September. Sow thinly in drills one foot apart; cover  $\frac{1}{2}$  inch. Our Radish seed is the very best, grown from carefully selected and transplanted roots. Radishes are very easy to grow. Sow one ounce of seed to 100 feet of row; 10 to 12 pounds per acre. Radishes mature in 3 to 6 weeks.

**376 Hastings' Early Long Scarlet** Most popular of all Radishes for garden use and market. Our illustration shows the regularity and fine shape of our strain of this variety. It's a favorite everywhere, no vegetable garden being complete without it. Tops rather small, roots long and tapering to a decided point; color an intense bright scarlet. Flesh is very crisp and tender and when grown rapidly, as all Radishes should be, it is free from pungent taste. About 6 inches long. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**388 Long White Vienna or Lady Finger** Early, attractive, long white Radish of excellent quality. Tops are of medium size. Roots are clear white, slender, smooth and average when mature 6 to 7 inches long by  $\frac{3}{4}$ -inch in diameter. Flesh is very crisp and tender. Desirable for market and home garden use. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**382 Long White Icicle Radish** Excellent and profitable; a distinct sort, ready for use as soon as Early Long Scarlet and has fewer leaves. Admirable alike for open air and under glass. The Icicle is a clear white in color, 6 inches long, slender and tapering shape. It quickly grows to market size, is crisp and brittle, and of mild, sweet flavor. A fine variety for both market and home gardeners who want an early, long Radish. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**389 French Breakfast** Very tender and mild, favorite early half-long variety in the South both for home and market use. Color bright red with white bottoms. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**383 Hastings' Glass or Cincinnati Market** After we introduced this Radish it was called the "Cincinnati Market Radish." It is bright pink with white tips; very regular and uniform in size and shape. Flesh transparent, giving it the name of Glass Radish, always crisp and brittle, with mild flavor even when grown to large size. Desirable for both market and home use. A greatly improved strain of Long Scarlet, so popular everywhere. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**384 Half Long Deep Scarlet** About half way between Scarlet Button and Long Scarlet in shape. Of most beautiful appearance, and in market brings high prices. Skin is brilliant scarlet; flesh clear white; crisp, tender and free from pungency or hotness. Extra early and thoroughly satisfactory to Southern gardeners who plant it. Of quick growth and seldom becomes pithy, even when old or in bad growing seasons. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**381 Scarlet Button Radish** Also called Scarlet Turnip. A favorite extra early radish; round form and deep scarlet skin; mild flavor, crisp and tender; short narrow leaves, making a very small top. Scarlet Button is a popular radish, resembling Rosy Gem, except it hasn't the white tips. The round or button type is the most popular garden radish and our Scarlet Button leaves nothing to be desired. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**375 Rosy Gem Radish** Also called "White Tipped Scarlet Turnip." Favorite among market gardeners for forcing as well as for open ground growth. We have seen it ready for market here in Atlanta in 18 days from the time seed was sown. A most desirable variety for home gardens and almost identical with the Scarlet Button except has white shading at the base of root. One of the earliest varieties; globe shaped, with rich, deep scarlet top, shading to pure white at the bottom. Very tender and crisp, never becoming pithy until very old. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**372 Early Scarlet Globe** Slightly olive shaped, almost globe shaped, with white, tender, crisp flesh and rich, bright scarlet-red skin. This Radish is especially recommended to gardeners as a large, first early forcer and is very desirable for first early planting outdoors for home garden and market. Uniform in color, shape, fineness of top and time of maturity and unsurpassed in quality. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**378 Crimson Giant** A large sized extra early turnip radish, a little longer in shape than the Scarlet Button but brighter color; twice the size. It grows quickly and even when it attains large size remains tender and of fine flavor to the last. Will prove a money-maker for the market gardener, as its bright crimson color makes it a seller on first sight. Equally valuable for home garden use. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**390 California Mammoth White** WINTER RADISH. Largest of all winter Radishes and extensively grown by the Chinese gardeners in California. Grows about 8 inches long and from 2 to 3 inches in diameter. Pure white skin and flesh; solid, crisp and of good flavor. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**377 China Rose Winter** WINTER RADISH. Distinct handsome variety of winter Radish. Skin a deep rose color, flesh pure white, crisp, of pungent flavor. Good keeper well into spring. Roots cylindrical, blunt at both ends, 4 to 5 inches long, 2 inches thick; smooth skin. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**386 Black Spanish Winter** WINTER RADISH. Best black skinned Radish. Roots round,  $3\frac{1}{2}$  inches across, crisp white flesh. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.

**387 HASTINGS' MIXED RADISHES** Many don't want to make more than one Radish planting to last all season and our mixed Radishes fill the bill exactly for this purpose. Hastings' Mixed Radishes contain some of each variety catalogued by us, except the winter varieties. There are early, medium and late varieties, the round, the half long and long. For home garden use we sell tens of thousands of packages of this justly celebrated mixture every year. It is deservedly popular, giving as it does a succession of crisp, tender Radishes throughout the season from one sowing. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 25c. Lb., 85c. 5 Lbs., \$3.50.



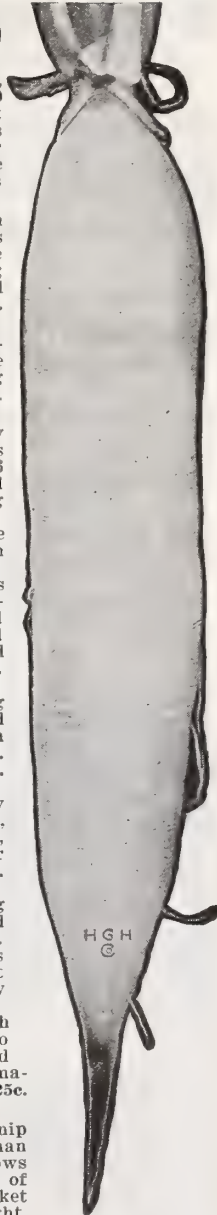
(376) Early Long Scarlet Radish

## 372 Early Scarlet Globe

gardeners as a large, first early forcer and is very



(381) Hastings' Scarlet Button Radish



(382) Hastings' Long White Icicle

**SALSIFY Vegetable Oyster** Salsify is a most nutritious winter vegetable. The roots are delicious and may be served in many ways. With oyster flavor, especially where it is difficult to get fresh oysters, Salsify is very popular. Let grow until frost. It is even improved by being frozen.

**CULTURE**—Salsify succeeds best on a rich, light, deep soil. Avoid fresh manure as it makes badly shaped and uneven roots. Sow seed in September and October in Florida and the lower South, in rows about 18 inches apart and thin plants to 3 inches apart. Cover seed  $\frac{1}{2}$  inch. Cultivate frequently and dig when needed through the winter but all should be dug before spring growth begins. Roots may be dug and stored in a pit or cool cellar. Sow one ounce to 100 feet of row.

**404 Mammoth Sandwich Island** Easily the best variety. Large and strong grower with long, smooth, white tapering roots, excellent in quality and less likely to branch than other sorts. Equally desirable for home and market gardeners. Packet, 10c. Oz., 25c.  $\frac{1}{4}$  Lb., 75c. Lb., \$2.25. 5 Lbs., \$9.00.

**BUSH SQUASH** These Squash can be planted in the Central South as late as August 15th. South Florida plantings can be continued as late as October 1, for home use or shipment. One ounce to 25 hills or 2 to 3 pounds per acre.

**425 Early White Bush Squash** This is the well-known White Scalloped or Patty Pan Squash. It is one of the earliest from Florida, as well as being a general favorite for home gardeners. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**420 Hastings' Mammoth White Bush Squash** Double the size of Early White Bush and more regular in shape. It is very early, uniform in growth and prolific. It has a beautiful white skin and flesh, and grows 10 to 12 inches across. Fine for family gardens. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**422 Golden Custard** Largest scalloped variety; often 2 feet in diameter. Rich, dark golden yellow, smooth skin, uniform in growth. Regular bush form, very productive and finest quality. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**421 Yellow Summer Crookneck Squash** Old, well-known variety of Crookneck Squash, for home and market gardens. Fruit small, of bright orange yellow color; and covered with watery excrescences. Flavor very rich and buttery. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**426 Giant Summer Crookneck Squash** Contains the good qualities and giving double the size of Yellow Summer Crookneck. For nearby market and for home gardens, it is especially desirable. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**424 Early Yellow Bush Squash** Identical with Early White Bush except in color, which is a bright golden yellow. A fine Squash. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

**419 Zucchini or Italian** Real summer bush Marrow, edible in 60 days. Eaten green, when 4 to 6 in. long. Gray-green color; vines bushy and prolific. Delicious cooked like asparagus. Try it sure. Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.



(424) Early Yellow Bush.

(420) Mammoth White Bush.

(426) Giant Summer Crookneck Squash



(404) Salsify



(411) Hastings' Aragon Spinach

## SPINACH FOR "GREENS"

**Culture** You can find no better vegetable to furnish an early supply of "greens" than Spinach. As "greens," its quality is unsurpassed, and were it more generally known in the Southern States almost every one would plant it. Our specially grown spinach is far superior to the spinach seed commonly sold. Its germination is stronger and better, the growth larger, more vigorous and hardier. Spinach requires rich soil, the richer the better, and can be sown during October, November and December, while the ground is not frozen. It germinates freely in cold weather and is a rapid grower. Sow one ounce to 100 feet of row.

**411 Hastings' Aragon Spinach** Very best variety for the South. Fine market size, having a large thick, green leaf, slightly crumpled or savoyed, and stands a long time before running to seed. The hardest of all varieties, standing an ordinary cold winter without damage in this latitude. At the same time it is one of the best heat-resisting sorts for late spring use. This variety has been thoroughly tested and pleases all market gardeners who use it. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 20c. Lb., 50c. 5 Lbs., \$2.00. Write for special price on 100 Lbs. or over.

**412 Bloomsdale** Also called Norfolk Savoy Leaved. Very early, upright growth, glossy dark green, crumpled, broad thick leaves and particularly fine for fall planting as it does best in cool weather. Extensively grown in the South for the home gardens and very popular with truck gardeners because of the large crops of thick leaves. Packet, 5c. Oz., 10c.  $\frac{1}{4}$  Lb., 20c. Lb., 50c. 5 Lbs., \$2.00. Write for special price on 100 Lbs. or over.

**416 NEW ZEALAND SPINACH** An all summer variety growing luxuriously in hottest weather. Cut and it comes again, a few plants furnishing the finest flavored "greens" all summer and fall for an average size family. Plant in August and September where plants are to stand. New Zealand should be in every Southern garden for all summer and fall good "greens." Packet, 10c. Oz., 15c.  $\frac{1}{4}$  Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00. Write for special price on 100 Lbs. or over.

# FALL CROPS FOR LOWER SOUTH

VEGETABLES FOR FALL PLANTING IN THE FAR SOUTH OR FOR FORCING INDOORS. Complete listings, with full descriptions and illustrations, are in our annual spring catalog, ready December 15th.

## Cantaloupes

	Pkt.	Oz.	¼ Lb.	Lb.	5 Lbs.
231 Hastings' Eden Gem.....	10	20	.50	1.75	7.00
243 Salmon Flesh Eden Gem.....	10	20	.50	1.75	7.00
236 Edwards Perfecto .....	10	15	.40	1.25	5.00
241 Burrell Gem .....	10	20	.50	1.50	6.00
233 Banana .....	10	20	.50	1.50	6.00
240 Montreal Market .....	10	15	.40	1.25	5.00
237 Rocky Ford .....	05	10	.30	1.00	4.00
230 Early Hackensack .....	05	10	.30	1.00	4.00
232 Texas Cannonball .....	10	15	.40	1.25	5.00
244 Honey Dew Melon.....	10	20	.50	1.75	7.00
245 Honey Ball Melon.....	10	20	.50	1.75	7.00

Prices on 10 Lb. Lots Are Not Prepaid.

## Garden Corn

	Pkt.	Lb.	2 Lbs.	10 Lbs.	F.O.B.
151 Yexo Sugar, Earliest Large.....	10	35	.65	@	1.16
152 Country Gentleman .....	10	35	.65	@	1.16
167 Golden Bantam .....	10	35	.65	@	1.16
168 Evergreen Golden Bantam.....	10	35	.65	@	1.16
153 Stowells Evergreen .....	10	35	.65	@	1.16
160 Popcorn—White Rice.....	10	35	.60	@	1.12
161 Popcorn—Golden Queen .....	10	35	.60	@	1.12
162 Popcorn—Japanese Hull-less .....	10	35	.60	@	1.15
154 Adams Large Early.....	10	30	.50	@	1.12
155 Hastings' Early Market.....	10	30	.50	@	1.15

## Watermelons

	Pkt.	Oz.	¼ Lb.	Lb.	5 Lbs.
252 Augusta Rattlesnake .....	10	15	.40	1.25	5.00
254 Hastings' Stone Mountain.....	15	25	.65	2.00	9.00
255 Halbert Honey .....	10	15	.40	1.25	5.00
257 Thurmond Gray .....	10	15	.40	1.25	5.00
258 Watson .....	10	15	.40	1.25	5.00
259 Florida Favorite .....	05	10	.30	1.00	4.00
260 Improved Kleckley Sweet.....	10	15	.40	1.25	5.00
268 Green Giant Citron.....	05	10	.30	1.00	4.00

## OKRA

	Pkt.	Oz.	¼ Lb.	Lb.	5 Lbs.
304 Hastings' Dwarf .....	05	10	.25	.75	\$3.00
306 Perkins Mammoth Podded.....	05	10	.25	.75	3.00

## Pumpkins

	Pkt.	Oz.	¼ Lb.	Lb.	5 Lbs.
360 Southern Field .....	05	10	.25	.75	\$3.00
361 Tennessee Sweet Potato .....	10	15	.40	1.25	5.00
363 Hastings' Big Jumbo.....	10	20	.50	1.50	6.00
364 Sweet or Sugar.....	05	10	.30	1.00	4.00
365 Green Striped Cashaw.....	10	15	.40	1.25	5.00

## Write For Prices

Special prices gladly made  
on quantity lots of any seeds

# HASTINGS' CUCUMBERS

**Culture** Plant in hills, four feet apart each way. Where well-rotted manure is obtainable work a large shovelful of it into each hill. Plant 8 to 10 seeds in each hill, covering ½ inch in clay soils or 1 inch in sandy soils, and when rough leaves have formed, thin out to 4 in each hill. One ounce of seed will plant 50 hills; or use 3 pounds per acre. Mature in about 3 months.

## 180 HASTINGS' WHITE SPINE CUCUMBER

### Finest Extra Dark Strain—New Special Selection

"This is the greatest Cucumber grown today." It has no superior for general and market garden use and the best shipper of them all. It holds its intense green color better and stays in good eating condition longer than any other strain of White Spine. In each seed crop, fruits are carefully selected for uniform size and shape, smooth skins and handsome tapering appearance. Its size at maturity is about 9½x2½ inches, weighs about 1¾ pounds; ready to eat in about 58 days. Extra early, crisp and tender, holding its fresh appearance long after gathered. All fruits hand selected, piled and cut for this seed. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00. Write for quantity prices.

## 179 DAVIS PERFECT

### New Special Selection

White Spine. Almost ideal in shape, both ends tapering, rich dark green, uniform in size, exceedingly tender and excellent for slicing. It is almost seedless 1/3 of its length and seeds are almost unnoticeable. Very prolific, early, and popular shipper. It is about 10x2½ inches and weighs about 2 pounds at maturity. Davis Perfect is the most popular White Spine strain and Hastings' special selected seed stock is now the best selection of this variety in America. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00. Write for quantity prices.

## 176 KIRBYS Stays-Green White Spine

Hastings' seed stock of this splendid medium sized, glossy dark green Cucumber is unsurpassed. 7 to 8 inches long, cylinder shaped and coming into great popularity with shippers and in home gardens because it retains its fine color a very long time. Young fruit is well adapted for pickling. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for larger quantity prices.

## 184 THE KLONDIKE

Our special strain is regular in size, color and growth. It's a very attractive dark green that stays for days after being picked and shipped. 7 to 8 inches long, 2 to 2½ inches in diameter. Extra early, very crisp and unsurpassed for slicing. When young makes excellent pickles. Prolific, very hardy and a sure cropper. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for quantity prices.

## 175 Early Fortune Cucumber

One of the finest and very much liked by market gardeners for shipment to Northern markets during the fall months. Holds its dark green color for many days after picking. Stays plump and fine looking long after reaching markets in the North. It's of good shape and of very regular growth. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00. Write for quantity prices.

## 185 Japanese Climbing Cucumber

Fine for late summer and early fall planting. Fruit is 10 to 12 inches in length, of dark green color; flesh is thick and firm, never bitter, has few small seeds and is fine for pickling and slicing. Very prolific, practically mildew proof and continues bearing late. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00. Write for quantity prices.

## 186 Our Everbearing Cucumber

This is our most popular variety for home gardens on account of its ever-bearing character; Splendid for slicing and although small, are perfect in shape, a fine green color and the right size for pickling. Packet, 10c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

## 181 Improved Long Green

One of the old time favorites. Extra long, good size and holds the dark green color until well matured. Crisp, tender and free from bitterness, a splendid slicer. When 3 or 4 inches long it is fine for pickling. A good variety to plant from earliest spring to fall. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50. 5 Lbs., \$6.00.

## 182 Early Frame

A fine, well-known variety. Early Frame is a desirable variety for home gardens for slicing. Pkt., 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

## 183 Chicago Pickle

Chicago Pickle is a standard pickling variety, but can also be sliced. Packet, 5c. Oz., 15c. ¼ Lb., 40c. Lb., \$1.25. 5 Lbs., \$5.00.

## 178 Early Green Cluster

Standard, well-known variety for both slicing and pickling. Packet, 5c. Oz., 10c. ¼ Lb., 30c. Lb., \$1.00. 5 Lbs., \$4.00.

## 187 GHERKINS

Small fruit, 2 to 3 inches long, rounded and with spines. For pickling only. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$2.00. 5 Lbs., \$8.00.

(180) Hastings' New White Spine  
Finest Cucumber on Earth



# Tomatoes for Summer and Fall Plantings



(455) Hastings' Big Red Rock Tomato for Home Use and Canning

## 455 Red Rock, the Big Red Solid Meaty Tomato

Red Rock is the best large late red Tomato for home use, nearly market or canning. Matures in 110 to 115 days. It is extraordinarily solid, perfectly smooth, has no superior in texture or flavor and is as red as a Tomato can be all the way through. Meat is solid without being hard, and of the finest flavor. Practically no waste Tomatoes in a crop of Red Rock. Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**460 June Pink** A Pink Earliana. Often brings 25 per cent higher price in markets where pink varieties are preferred. Enormous bearer, frequently bearing clusters of six to eight Tomatoes of medium size; uniform, smooth and attractively shaped. Bushes are compact yet branch freely. Excellent for shipping, a favorite with the market gardener for an extra early purplish pink Tomato and a delight in the garden. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.35. Lb., \$4.50. 5 Lbs., \$18.00.

**443 Ponderosa** A giant among our Tomatoes. It must have rich soil to be a success, but fruit are very large; purplish pink in color, solid, meaty and very sweet. Being large and ribbed are for home use. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$24.00.

**448 Greater Baltimore** Mid-season, red, very heavy and extremely firm, thick meat. Fruit ripens evenly, free from ridges and cracks, fine cropper even under very unfavorable conditions. Great canning variety. We recommend it highly. Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**441 Hastings' Improved Purple Acme** A big improvement over the old Acme. One of the very earliest, is almost round and has a thin but very tough skin. Our Improved Acme is a very heavy bearer, ripening evenly all over. Has a lovely purplish pink color, making it especially desirable as a market and shipping variety. Has few seeds; is thick, meaty and solid. It is desirable for market or home use with its fine color and flavor. Packet, 10c. ½ Oz., 20c. Oz., 35c. ¼ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**446 Livingston Globe** A most popular Tomato with Florida shippers. Our seed stock is grown from Livingston's original strain and kept absolutely pure. We find it one of the earliest; fruit smooth and of good size, firm flesh and few seeds. Very productive, plants short jointed and clusters of fruit form at each joint. Fruit of right size and shape to pack well for shipment. Color of skin purplish red. Our observation is that almost all come true globe shaped, certainly thicker than others. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.

## "EVERYTHING THAT GROWS"

It is our endeavor to furnish you with the very best strain of each worthy variety there is grown. Whether from seeds, plants or bulbs, you know you can faithfully depend on Hastings' planting stocks to produce as fine and as much as your soil and season will allow. Nursery and complete Fall Bulb Catalog ready October 1st. Write for it!

Hastings' Tomato Seed has a reputation surpassed by that of no other house in this country. It leads all others in the Tomato shipping sections of Florida, Mississippi and Texas.

**Culture** Scatter seed in bed or box thinly and cover with the soil deeply and work in stable manure or fertilizer thoroughly. Set plants 3 feet apart each way; give clean cultivation. As plants grow it is best to tie them to stakes except the dwarf sorts like Dwarf Champion. One ounce of seed makes about 1,500 good plants. Use about four ounces of seed for one acre.

## 463 HASTINGS' BRIMMER TOMATO

The largest of all Tomatoes. Single Tomatoes weighing 3 pounds and 18 inches around have been grown by training to a single stem. It must be staked. The Brimmer has no core, very few seeds and is solid and nearly all meat. It is an early variety and continues to bear the large sized fruit all through the season. Even though so large, fruits are well shaped, purplish pink and make the finest slicing Tomatoes, remarkably free from acidity, which keeps some people from eating Tomatoes. Grow the biggest and best Tomatoes with Brimmer. Packet, 10c. ½ Oz., 35c. Oz., 60c. ¼ Lb., \$2.00. Lb., \$7.50. 5 Lbs., \$30.00.

**451 Avon Early** Earliest scarlet Tomato; has entirely taken Spark's Earliana place with us. Best of its class, fine shape, very free from cracks and green stem ends. Vigorous, continuous bearer, large for so early; 5 to 8 fruits to cluster; round or slightly flattened, of fine quality. Excellent for gardens and local markets. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$24.00.

**444 Hastings' Extra Early** Earliest, most prolific, smoothest and largest extra early. Vigorous, prolific bearer of fruit in clusters. Prized by market gardeners and for earliest home garden Tomatoes. It has open foliage, and fruit, 2½ to 3 inches across; colors quickly to a deep rich red. We have seen 34 good, smooth, ripe tomatoes on a single plant. Heavy bearing and yet very early to mature. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$24.00.

**442 John Baer** Extra early scarlet Tomato of real merit. Largest fruit of any extra early; flesh firm, quality and color excellent. Smooth, nearly round; vines hardy and very productive. Mild flavor, tough skin that does not burst when ripe. Especially valuable for market gardeners, canners and shippers. Packet, 10c. ½ Oz., 25c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.

**453 Golden Queen** Very handsome and the best large smooth yellow Tomato. Meaty, solid and sweet, bright golden yellow color. This is a much better variety than Golden Ponderosa and a fine addition to the red tomatoes for your garden. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.35. Lb., \$4.50. 5 Lbs., \$18.00.



(446) Livingston Globe Tomato

The 3 Outstanding New Tomatoes of today, as were pictured in natural colors on the front cover of our big 1929 general catalog. One packet each of **Hastings'** best of all wilt and rust resisting Tomatoes. These are

**Brimmer**, largest of all—**Avon Early**, greatest early bearer—and **Marglobe**, the best of all wilt and rust resisting Tomatoes. These are superb. Order several collections.

Our Red-feld Beauty has the right size, shape and color with heavy bearing, good eating and proper shipping qualities. In fact, it is a good all-round tomato. Its vigorous growth, heavy bearing over a long period and comparative freedom from rotting under adverse conditions make it a general favorite. Regular sized and shaped fruits grow in clusters of 3 to 5 and are glossy crimson red with purplish tinge. Unexcelled for toughness of skin and solidity and retains its large size until all are picked. Packed, 10c.  $\frac{1}{2}$  Oz., 25c. Oz., 40c.  $\frac{1}{4}$  Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00. Write for larger quantity prices.

**439 Bonnie Best** A fine variety for the home garden and early market. Vines are vigorous and produce a good crop of exceptionally round and deep fruit, bright deep scarlet in color and of good quality. Crop ripens more uniformly than other early scarlets and is of superior solidity and interior color. Very desirable for beautiful shape and color. **Packet, 10c. 1/2 Oz., 25c. Oz., 40c. 1/4 Lb., \$1.25. Lb., \$4.00. 5 Lbs., \$16.00.**

**459 Early Detroit** Vigorous and productive; fruits medium size and of purplish pink color; firm and of good quality. A fine second-early variety, popular for home gardens, marketing and shipping. Fruits rather thicker than most varieties, especially adapted to Florida. Packet, 10c. ½ Oz., 20c. Oz., 35c. ¾ Lb., \$1.00. Lb., \$3.50. 5 Lbs., \$14.00.

**449 The Stone** Extra large, smooth bright red. Used in some parts for winter shipment and a standard for canning. A large, smooth, solid meaty Tomato for all purposes and a splendid variety to furnish late Tomatoes. **Packet, 10c. ½ Oz., 15c. Oz., 25c. ¼ Lb., 90c. Lb., \$3.00. 5 Lbs., \$12.00.**

## 452 Hastings' Dwarf Champion Tomato

**TREE TOMATO.** Our special strain of Dwarf Champion is the only first-class Tomato of sufficient stiff growth to stand up clear of the ground without staking, thus keeping fruit off the ground. It has stiff, upright stems and compact, bushy growth. The fruit is medium-sized, purplish flesh, regular in size and shape and very smooth skinned. One of our most popular and desirable varieties. Pkt. 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.35. Lb., \$4.50. 5 Lbs., \$18.



(445) **Hastings' Redfield Beauty**, the All Right Tomato for You All Times of the Year

**456 LOUISIANA PINK** **NEW WILT RESISTANT.** Cross between Purple Acme and Earliana, developed by the Louisiana Experiment Station. It seems to have characteristics of both parents, and is a very heavy bearer of uniform, smooth, pink, medium-sized fruits. Skin is medium thick and flesh is firm; seed cavity small with few seeds. Medium early in ripening and especially resistant to wilt. **Packet, 10c. 1/4 Oz., 30c. Oz., 50c. 1/4 Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$24.00.**

**440 NORDUKE-Wilt Resistant** New, very best  
resisting variety to date. Medium early, heavy bearer of large,  
smooth red fruit. It will not stand shipping but is excellent for  
local markets and home gardens. Far superior to Norton. If you are  
in wilt infested territory, plant Norduke. Packet, 10c. 1/2 Oz., 25c.  
Oz., 45c. 1/4 Lb., \$1.35. Lb., \$4.50. 5 Lbs., \$18.00.

**462 MARGLOBE** NEWEST WILT RESISTANT. Main crop, scarlet-fruited variety, originated by the U. S. Dept. of Agriculture for wilt resistance. It is claimed to be also resistant to "nail-head rust" which attacks Tomatoes. Fruit are of medium size, smooth, solid and deep from stem to blossom ends. They are set in clusters of 5 to 7 on vines with medium to heavy growth. Cell structure is irregular. It is a cross between Marvel and Globe and really has retained the best characteristics of each. Packet, 10c. ½ Oz., 30c. Oz., 50c. ¼ Lb., \$1.75. Lb., \$6.00. 5 Lbs., \$24.00.

**458 NORTON** WILT RESISTANT. A main crop, scarlet-fruited variety. Norton was a selection for wilt resistance from The Stone by the U. S. Dept. of Agriculture. Fruit are of medium size, smooth and solid. Norton is a heavy bearing variety and gives a good crop. The vines make a medium to heavy growth. It is one of the best long distance shippers and is the biggest seller of all the wilt-resistant varieties. You should grow some Nortons if you are in wilt territory and expect to ship or market Tomatoes. Packet, 10c. ½ Oz., 25c. Oz., 45c. ¼ Lb., \$1.35. Lb., \$4.50. 5 Lbs., \$18.00.

**454 Red Pear Shaped** Small odd looking Tomatoes. Very strong growers, and very productive. Suitable for preserves and pickling.

**450 Yellow Pear Shaped** Each—Packet, 10c. 1/4 Oz., 30c. Oz., 50c. 1/2 Lb., \$1.50. Lb., \$5.00.

**461 Yellow Plum Tomato** Similar to the Pear Shaped but larger and plum shaped; sweet, meaty and prolific. A Girl's Canning Club favorite for preserves. Packet, 10c.  $\frac{1}{2}$  Oz., 30c. Oz., 50c.  $\frac{1}{4}$  Lb., \$1.50. Lb., \$5.00. Write for larger quantity prices.



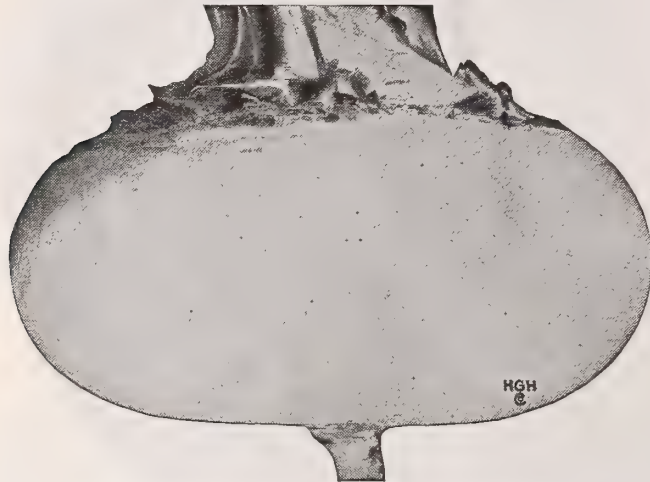
(452) **Hastings' Dwarf Champion, The Tree Tomato**

# FALL IS TURNIP PLANTING TIME

**Culture** Turnips is the big fall garden crop throughout the whole South. They are hardy, make delicious greens or turnip salad and the roots make a tempting table food all through the winter months.

Careful attention should be given to seed for planting as in all vegetables. You want the best and most delicious varieties and good strong seeds. Take no chances with cheap inferior seeds. The very best, as you see below, are very reasonable in price and it will pay you always to send your orders to Hastings.

Turnips do best on new ground or ground that has not been cultivated for several years. If stable manure is used it should be applied several months before the crop is planted as fresh manure makes spotted Turnips, inferior in quality and with a rank flavor. For fall or winter use sow Rutabagas July 15th to September 1st; Turnips August 1st to October 15th in this latitude; farther South they can be planted later, and in Florida plantings can be continued all through the winter. Sow 1 ounce of seed to 200 feet of row; 2 to 3 pounds per acre. Ready for use in 8 to 10 weeks.



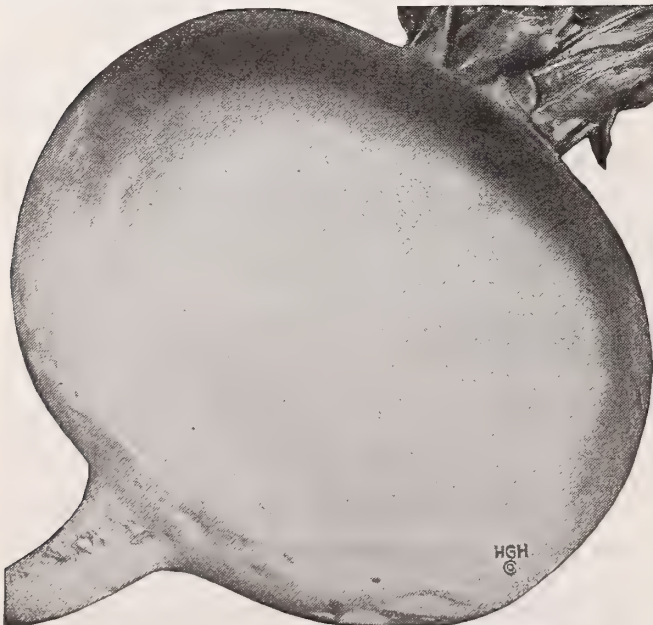
(467) Hastings' Early White Flat Dutch Turnip



(465) Hastings' Extra Early Milan—Earliest of All

**467 Early White Flat Dutch** One of the most popular varieties for either spring or fall plantings. Medium size and a quick grower. It is flat, as shown in the illustration above, with very small, fine taproot. Flesh and skin pure white, fine grained and sweet. Especially fine flavored when grown quickly in fall or spring. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**466 Early Red or Purple Top** See the illustration of this variety above on this page. Another popular variety of early flat Turnip, being almost identical with Early White Flat Dutch except for the deep red or purple color of the skin at top of bulb; known in many sections as Purple Top Flat Dutch and Purple Top Strap Leaf. A very quick grower, with fine-grained, sweet-flavored flesh. The red top of the bulb extends down to where it rests in the ground. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.



(476) Hastings' Purple Top Globe Turnip

**471 Southern Snow-White Globe** Color pure white, shape round, size large, solid, quick growing for a Turnip, producing great weight to the acre. Rapidly growing in popular favor, more especially as a late winter and spring variety. In the autumn and early winter it is apt to be hard, but mellow like an apple in keeping. It is productive, hardy, and closely resembles Purple Top Globe. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**474 Golden Ball** A splendid and distinct yellow variety. Fine grained, medium sized, as round as a ball with a clear, deep, orange color. Bulbs of medium size, a rapid grower, maturing early. Has small tap roots. This is the finest flavored yellow variety. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**470 Long White or Cowhorn** Roots long and carrot-shaped, one-third showing above ground. It roots deeply, resisting drought and cold. Flesh pure white, fine-grained, sweet and of excellent table quality. Frequently planted together with Dwarf Essex Rape for stock food. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**475 Purple or Red Top Globe** Our most popular variety. Medium early, globe shaped, handsome appearance and heavy cropper in all parts of the South. You cannot plant too many of them either for home use or market. Always of good quality, a good keeper and seller. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**476 Extra Early White Egg** Try this Spring Turnip. Finest flavored of all early Turnips, and with favorable season is ready for use in 6 weeks. Skin and flesh a pure, snow white; solid, fine-grained, sweet, and a good seller. Looks very attractive bunched for sale, and gardeners sell at top prices. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**465 Extra Early Milan** Earliest of all Turnips. A flat, purple topped variety, resembling Early Red or Purple Top, but one to two weeks earlier. Perfect in shape and color; sweet and fine grained. Packet, 5c. Oz., 15c. ¼ Lb., 35c. Lb., \$1.00. 5 Lbs., \$4.00.

# HASTINGS' BIG 7 TURNIP COLLECTION 35c

The most popular of all Turnip collections. Hastings' "Big 7" gives each family its chance to have a full supply of early, medium and late Turnips. For 35 cents we will send you, postpaid, one full ounce each of Extra Early White Egg, Purple or Red Top Strap Leaf, Early White Flat Dutch, Purple or Red Top Globe, Yellow or Amber Globe, Improved American Rutabaga, and Seven Top Turnip. Seven ounces of Turnips, all different, of the very best seed for 35 cents, delivered at your postoffice. No other varieties will be sold at this price and no changes will be allowed in this collection. If you do not want to plant all this seed this fall, what you hold over is perfectly good for next spring's sowing. This collection will give you all the turnips any ordinary family can use and more. Remember: These are full ounces of Hastings' Turnip seed. All pictured on inside front cover.

## 7 Ounces, 7 Varieties, 35 Cents Postpaid



(477) Hastings' Seven Top or "Salad Turnip" for Greens

**477 Seven Top** The "salad" variety so largely planted in fall for greens during winter. Sown in earliest spring it also furnishes "greens" very quickly. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**469 Yellow or Amber Globe** Sometimes called Yellow Stone. Undoubtedly the best of the yellow fleshed sorts. Globe shaped, light yellow colored skin and flesh. Fine grained, sweet and a good keeper. A heavy cropper. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**479 Hastings' Mixed Turnips** A mixture of Turnips and Rutabaga listed by us, giving a variety of Turnips from one sowing, root varieties as well as "turnip greens." Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

## 478 OUR JAPANESE SHOGGIN TURNIP

We are glad to recommend this splendid new Turnip. It is the best combination variety for both bulbous root and tops for "greens" that we have yet seen. Furthermore, it is Louse Resistant and it holds its heavy crop of leaves up off the ground. The bulbs or roots are all white, resembling Purple Top Globe in shape except flatter on top; sweeter and milder than other Turnips, of excellent flavor, tender, fine grained and extremely popular with those who have tried it. The tops or leaves are large, thick, juicy, very succulent, tender and of finest mild turnip flavor.

With our seed crop on the Hastings' Plantation in 1928, planted in hottest and driest August, we were impressed with its ability to



(468) Hastings' Improved American Rutabaga—Finest in the World

**468 Hastings' Improved American Rutabaga** Best and heaviest cropper of all Rutabagas for the South. Of fine form, with rich purple colored top and light yellow flesh of most pleasing appearance. The flesh is tender, sweet and exceptionally free from hard, stringy nature. Has comparatively small tops, fine feeding roots, and is the surest and heaviest cropper. We have sold this special strain of American Rutabaga since 1894 and we have never had a variety of vegetable that has given such general satisfaction in all sections and in all kinds of seasons. Packet, 5c. Oz., 10c. ¼ Lb., 20c. Lb., 65c. 5 Lbs., \$2.50. Write for our best quantity prices.

**Turnip Seed Prices** Your first consideration is naturally the best seed you can buy. Hastings' assures you of that. Also we ask that you write for our closest special quotation on 10 Lbs. or over, of Turnips or other seeds. It Pays!

get a start and withstand the hot, dry weather even by young plants. It likewise stood the cold and washing winter and spring rains and produced a fine crop of seeds. There was no louse or other insect attacks on our seed crop. Where no insecticide spraying was done on an Atlanta truck farm, our Shogoin Turnip barely showed any signs of louse while Purple Top Globe, planted next to it, was practically eaten up by louse attacks and was a total loss. You will surely want Shogoin if you plant Turnips. Order at least a small quantity for this summer and fall plantings and see for yourself just how fine for all purposes this new Japanese Turnip really is. Packet, 10c. Oz., 15c. ¼ Lb., 30c. Lb., 90c. 5 Lbs., \$3.60. Write for our best quantity prices.

# HASTINGS' "HOME BEAUTIFUL" FLOWER SEEDS

See our Spring Catalog for our full list of flower seeds. Popular summer and fall planted varieties are here catalogued.

**LIBERAL PREMIUMS**—With an order for One Dollar's worth of Flower Seeds, you may select 25 cents' worth of Flower Seeds Extra. For \$2.00 you may have 50 cents' worth extra, and for \$4.00 you may have \$1.00 worth extra. This offer does NOT include Bulbs, Roots, Plants or the special seed collections. Read carefully and please don't confuse it with field seeds, plants and bulbs. This Special Offer is for Flower Seeds and Vegetable Seeds in packets and ounces only.

## HASTINGS' FLOWER SEEDS

Flower Seeds, Bulbs and Plants for Summer and Fall Planting are described on these pages. For Evergreens, Shrubs, Trees and other Hardy Outdoor Nursery Stock, write for Hastings' Nursery Annual, ready Oct. 1st. Remember, you get "Everything That Grows" from Hastings'. Don't take a chance of getting something good. Be sure of getting the best there is grown. It doesn't cost any more and we are just as near as your mail-box.

## PERENNIAL FLOWER SEEDS

Greatest success with Perennials and Biennials is usually made from summer and early fall seed planting. Getting the plants-of hardy flowers well started before cold weather enables them to stand the winter and allows them to grow rapidly and bloom the first spring or summer. Below you will find the most popular Perennials and Biennials. Full descriptions with many illustrations are given in our general spring catalog.

- 1026 **ALYSSUM**—HP. Saxatile compactum. 12 in.; compact, bushy; golden yellow flowers. Pkt., 10c. ½ Oz., 60c.  
 1050 **ANCHUSA**—HP. Italica, Dropmore. 3-5 ft., bushy, border plant; rich blue flowers. Pkt., 15c. ½ Oz., 45c. Oz., \$1.15.  
 1150 **AQUILEGIA**—**COLUMBINE**—HP. Long Spurred Hybrids. 2-4 ft., branching; all colors. Pkt., 25c. ½ Oz., \$1.00.  
 1052 **ARMERIA**—**THRIFT**—HP. Formosa Hybrids. 6-8 inches, ground cover; rosy pink flowers. Pkt., 10c. ½ Oz., 60c.  
 1229 **CANDYTUFT**—**IBERIS**—HP. Sempervirens. 10-12 in., edging or rockery; white flowers. Pkt., 20c. ½ Oz., 60c.  
 1230 **CANNA**—TP. 5 ft. Mixed colors. For indoors or far South, in frostless regions. Pkt., 10c. ½ Oz., 45c.  
 1260 **CANTERBURY BELLS**—B. Single. Pkt., 10c. Oz., 50c.  
 1261 **CANTERBURY BELLS**—B. Cup-and-Saucer. Finest mixed colors. Pkt., 10c. ½ Oz., 60c.

- CARNATIONS**—**NEW DOUBLE GIANTS**—P. 2-3 ft. 1240 Mixed Colors. Large branching plants. Pkt., 20c ½ Oz., 65c. 1241 Sparkler—Cardinal Red. Pkt., 25c. ½ Oz., 75c. 1242 The Pearl—Flesh Pink. Pkt., 25c. ½ Oz., 75c. 1243 Jeane Dionis—Pure White. Pkt., 25c. ½ Oz., 75c. 1244 Marie Chabaud—Yellow. Pkt., 25c. ½ Oz., 75c. 1246 Marguerite—Small flowered mixed. Pkt., 10c. ½ Oz., 50c.  
 1288 **CHEIRANTHUS**—HP. Alpine Wallflower. 8-10 in., bushy; for edging or rockery; violet flowers. Pkt., 15c. ½ Oz., 50c.  
 1401 **CLOVE PINKS**—HP. Dianthus plumarius. 12 in., for borders or rockery; several colors. Pkt., 10c. ½ Oz., 45c.  
 1212 **COREOPSIS**—HP. Double Grandiflora. 2 to 3 ft.; new semi-double, golden yellow blooms. Pkt., 10c. ½ Oz., 60c.  
 1340 **CYCLAMEN**—TP. Persicum. Florist specialty. Very tender indoor pot plants, 1 year to bloom. Pkt., 25c. ½ Oz., \$1.30.  
 1365 **DAHLIA, BEDDING**—HP. New Coltness Hybrids. 12 to 18 in. Bushy; bright colors. Pkt., 25c. ½ Oz., 60c.  
 1360 **DAHLIA**—TP. Dbl. Mixed. Large type; all colors. For indoors or far South. Pkt., 15c. ½ Oz., 50c.  
 1380 **DAISY**—**DBL. ENGLISH**—HP. Bellis perennis. 6-10 in., bushy; for edging; white and pink. Pkt., 10c. ½ Oz., 50c.  
 1384 **DAISY**—**SHASTA**—HP. 2-3 ft., bushy, border plant; white single flowers. Pkt., 10c. ½ Oz., 50c.  
**DELPHINIUM**—**PERENNIAL LARKSPUR**—HP. 3-5 ft., border plant. 1541 Hastings' Hybrids—Finest American strain. Pkt., 20c.

- ¾ Oz., 60c. 1546 Belladonna Improved—Light turquoise blue. Pkt., 25c. ½ Oz., \$1.15. 1547 Bellamosum—Richest deep blue. Pkt., 20c. ¾ Oz., 60c. 1371 Wrexham Hybrids—English Hollyhock strain. Pkt., 35c. ½ Oz., \$1.30. Oz., \$8.50.

- 1440 **DIGITALIS**—**FOXGLOVE**—HB-HP. Gloxinia-flowered. 3-4 ft., erect border plant; mixed colors. Pkt., 10c. ½ Oz., 55c.  
 1558 **FEVERFEW**—HHP. Matricaria. 18-24 in., bushy border plant; white flowers. Pkt., 10c. ½ Oz., 60c. 1463 Golden Ball—8 in., double bright yellow flowers, very compact bush. Pkt., 15c. ½ Oz., 45c.

- 1470 **FORGET-ME-NOT**—TP. Myosotis. 8-12 in., edging plant; blue and white flowers. Pkt., 10c. ½ Oz., 65c.

- 1475 **GAILLARDIA**—HP. The Dazzler. Largest, newest giant strain. 2-3 ft., bushy; red-gold. Pkt., 25c. ½ Oz., 50c.

- 1474 **GAILLARDIA**—HP. Grandiflora Mixed. Pkt., 10c. ½ Oz., 60c.

- 1477 **GYPSOPHILA**—HP. Paniculata—Baby's Breath. 2-3½ ft., branching border plant; white flowers. Pkt., 10c. Oz., 75c.

- 1500 **HELIOTROPE**—TP. 18-24 in., bushy, bedding plant; blue, white, rose shades. Pkt., 10c. ½ Oz., 60c.

- 1502 **HIBISCUS**—TP. Mallow. 2-5 ft., branching plants; large flowers; showy colors. Pkt., 10c. ½ Oz., 55c.

- 1510 **HOLLYHOCKS**—HP. Double flowers. Mixed. Pkt., 10c. ½ Oz., 60c. Also separate colors and singles if desired.

- 1534 **IVY**—HP. Kenilworth, Linaria. Trailing plant for indoors or outside. Lilac, yellow flowers. Pkt., 25c.

- 1538 **KUDZU**—HP. Vine, growing 50 feet when established. Hay crop if desired. Pkt., 10c. Oz., 60c.

- 1539 **LATHYRUS**—HP. Hardy Sweet Pea. 6-12 ft. vine; bank or fence cover; white, pink. Pkt., 15c. ½ Oz., 40c.

- 1526 **LILY, REGAL**—HP. Easily grown from seed; most beautiful of Lilies. Pkt., 25c. ¾ Oz., about 500 seeds, 75c.

- 1562 **MONKEY FLOWER**—TP. Mimulus tigrinus. Tender, gloxinia like tigered flowers. Pkt., 15c. ½ Oz., 50c.

- PANSIES**—HP-HA. See Page 28.

- PETUNIAS**—TP. See Page 28.

- 1634 **PHLOX**—HP. Decussata. Mixed colors; difficult to grow; seed often a year in starting. Pkt., 25c. ½ Oz., 95c.

- 1640 **PHYSOSTEGIA**—HP. False Dragon Head. 3-4 ft., border plant; lilac flowers. Pkt., 15c. ½ Oz., 60c.

- 1661 **POPPY, ORIENTALE**—HP. New Giant Hybrids. Red, salmon and pink shades. Pkt., 15c. ½ Oz., 50c.

- 1683 **RUDBECKIA**—HP. Giant Purple Cone Flower. 3 ft., border plant, rosy purple flowers. Pkt., 15c. ½ Oz., 50c.

- 1707 **SCABIOSA**—HP. New Giant Hybrids. Larger flowers on longer stems; dark blue to white. Pkt., 50c. ¾ Oz., \$1.50.

- 1708 **SCABIOSA**—HP. Caucasica. Lavender-blue, 3 in. flowers on 2 ft. plants. Pkt., 25c. ¾ Oz., 75c.

- 1775 **SWEET WILLIAM**—HP. Single mixed. Pkt., 10c. Oz., 25c. 1776 Double Mixed. Pkt., 10c. ½ Oz., 55c.

- 1780 **TRITOMA**—HHP. Red Hot Poker. 3-4 ft., erect; orange-red flowers in spikes. Pkt., 15c. ½ Oz., 55c.

- VERBENAS**—HHP. See Page 29.

## Hastings' Perennials

See our general spring catalog for full descriptions and many illustrations. Remember, August to October is seedling time for most perennials for full bloom next spring. Fall planting saves a year.



(1475) Greatest Giant Gaillardia—The Dazzler



(1707) Hardy Perennial Scabiosa—Beautiful New Giant Caucasica Hybrids

**AGERATUM** Colors are blue and white, grows 1½ to 2 feet tall, light green foliage with clusters of small, tassel-like flowers. Half hardy annual for lower South and for boxes and pots from fall sowing. 1010 **IMPERIAL WHITE**. 1011 **MEXICANUM BLUE**. 1012 **BLUE AND WHITE MIXED**—Each: Packet, 10c. Oz., 60c. 1013 **DWARF BLUE**. Packet, 10c. Oz., 60c.

**ALYSSUM** Free flowering tender annual border plants of quick fall growth for the lower South.

1020 **SWEET ALYSSUM**. Grows 12 inches tall, finely cut foliage with clusters of small white flowers. Packet, 10c. Oz., 40c.

1022 **LITTLE GEM ALYSSUM**. 6 inches tall. Pkt., 10c. ½ Oz., 60c.

1024 **CARPET OF SNOW**. 2 inches tall. Pkt., 10c. ½ Oz., 50c.

**CALENDULA** **SCOTCH MARIGOLD**. Very showy hardy annual for cut flowers, beds and borders. Colors yellow and orange, 12 to 20 inches tall outdoors. Fall sowings in lower South only. 1203 **DOUBLE METEOR**. Cream picoté orange. 1205 **LEMON QUEEN**. 1206 **ORANGE KING**. 1202 **HASTINGS' MIXED**. Double varieties. Each: Pkt., 10c. Oz., 30c.

1204 **THE BALL**. 1207 **BALL'S GOLD**. Each: Pkt., 15c. ¼ Oz., 50c.

**CALLIOPSIS** **ANNUAL COREOPSIS**. See picture below. Colors bright yellow and rich brown with shades of red; 1½ to 3 feet tall; showy plants easily grown.

1216 **SPLENDENS**. Tall golden yellow; newest. Pkt., 10c. ½ Oz., 50c.

1217 **TALL MIXED**. 2 to 3 feet tall. Pkt., 10c. Oz., 50c.

1218 **DWARF MIXED**. Very rich colors. Pkt., 10c. Oz., 60c.

1215 **GOLDEN WAVE**. Showiest dwarf. Pkt., 10c. Oz., 50c.

**CANDYTUFT** Iberis. Showy, branching, very hardy annual for fall or early spring sowing. Grows 12 to 16 inches tall. 1220 **MIXED**. All colors and shades. 1221 **CARMINE PINK**. 1222 **DARK CRIMSON**. 1223 **LAVENDER**. 1224 **FLESH PINK**. 1226 **ROSE CARDINAL**. Each: Pkt., 10c. Oz., 60c.

1219 **GIANT HYACINTH—FLOWERED WHITE**. Huge, Hyacinth-like flower spikes; 18 inches tall. Pkt., 10c. ½ Oz., 60c.

**CENTAUREAS** 1282 **CORNFLOWER**. Bachelor's Button or Ragged Robin. See picture. Great favorite hardy annual, self seeder after started. Plant in fall or spring in the South. All colors, mixed. Pkt., 10c. Oz., 40c.

1283 **BLUE CORNFLOWER**. Blue in color. Pkt., 10c. Oz., 50c.

1280 **DUSTY MILLER**. Silvery white leaves. Pkt., 10c. ½ Oz., 45c.

1284 **SWEET SULTAN**. Centaurea Imperialis. All colors, fully double. Flowers 3 to 4 inches across on long stems. Pkt., 10c. ½ Oz., 55c.

**CYNOGLOSSUM** 1355 **CHINESE FORGET-ME-NOT**. Beautiful Chinese novelty, 18 inches high, easily grown. Light blue Forget-Me-Not flowers. Annual. Pkt., 15c. ½ Oz., 60c.

**DAISIES** 1380 **BELLIS PERENNIS**. 1384 **SHASTA**. See Page 26 for these perennials.

**DIANTHUS** Our famous Garden Pinks, extremely popular all over the South. See spring catalog for 14 varieties; contains all the Japanese and Chinese Pinks; widest range of form, color and markings. Pkt., 10c. Oz., 80c.

**FOUR O'CLOCKS** 1473 **MIRABILIS**. Showy, free-flowering, self-sowing, annual, well adapted to the South. Sow in fall only in lower South or inside. Grow 2 feet high; flower colors white, yellow, red and violet with variegations. Mixed colors. Pkt., 10c. Oz., 30c.

**GAILLARDIA** 1474 **BLANKET FLOWER**. Strong growing, very showy, self sowing annual with Daisy-like flowers on long stems, covering the plants with a blanket of bloom; growth 18 to 24 inches high. Pkt., 10c. ½ Oz., 60c.

**HELICHRYSUM** 1490 **STRAWFLOWER** or Everlasting Flower. Grows 30 inches high, with attractive white, pink, red and yellow flowers that when dried last for months. Sow outdoors in fall only in the far South, otherwise indoors. Rather hardy annual. See picture below. Pkt., 10c. ½ Oz., 55c.

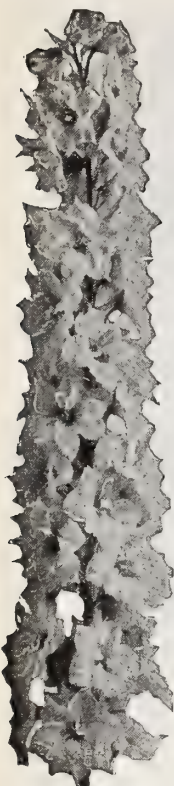
**HELIOTROPE** 1500 **HELIOTROPE**. Fragrant half-hardy Perennial treated as an annual farther North, but usually stands Southern winters if protected. Blue, white and rose flowers; grows 18 to 24 inches high. Pkt., 10c. ¼ Oz., 60c.

**LARKSPUR** Annual kinds are called Larkspur and Perennial kinds are Delphinium. Both may be sown in lower South in fall or farther North in cold-frames for transplanting in spring. Tall growing plants with large spikes of exquisite colored blooms. See picture of Larkspur.

1542 **GIANT HYACINTH FLOWERED**. Earliest and largest. Pkt., 10c. ½ Oz., 65c.

1544 **TALL MIXED**. Taller growers, double Stock flowered, all colors. Pkt., 10c. Oz., 65c.

1543 **TALL SKY BLUE**. Most popular color of today. Pkt., 10c. ½ Oz., 55c.



1544 Larkspur

1400 **HASTINGS' SUPERB MIXED**. Contains all the Japanese and Chinese Pinks;

widest range of form, color and markings. Pkt., 10c. Oz., 80c.

**FOUR O'CLOCKS** 1473 **MIRABILIS**. Showy, free-flowering, self-sowing, annual, well adapted to the South. Sow in fall only in lower South or inside. Grow 2 feet high; flower colors white, yellow, red and violet with variegations. Mixed colors. Pkt., 10c. Oz., 30c.

**GAILLARDIA** 1474 **BLANKET FLOWER**. Strong growing, very showy, self sowing annual with Daisy-like flowers on long stems, covering the plants with a blanket of bloom; growth 18 to 24 inches high. Pkt., 10c. ½ Oz., 60c.

**HELICHRYSUM** 1490 **STRAWFLOWER** or Everlasting Flower. Grows 30 inches high, with attractive white, pink, red and yellow flowers that when dried last for months. Sow outdoors in fall only in the far South, otherwise indoors. Rather hardy annual. See picture below. Pkt., 10c. ½ Oz., 55c.

**HELIOTROPE** 1500 **HELIOTROPE**. Fragrant half-hardy Perennial treated as an annual farther North, but usually stands Southern winters if protected. Blue, white and rose flowers; grows 18 to 24 inches high. Pkt., 10c. ¼ Oz., 60c.

**LARKSPUR** Annual kinds are called Larkspur and Perennial kinds are Delphinium. Both may be sown in lower South in fall or farther North in cold-frames for transplanting in spring. Tall growing plants with large spikes of exquisite colored blooms. See picture of Larkspur.

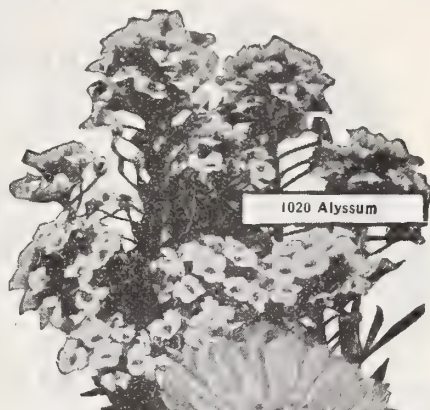
1542 **GIANT HYACINTH FLOWERED**. Earliest and largest. Pkt., 10c. ½ Oz., 65c.

1544 **TALL MIXED**. Taller growers, double Stock flowered, all colors. Pkt., 10c. Oz., 65c.

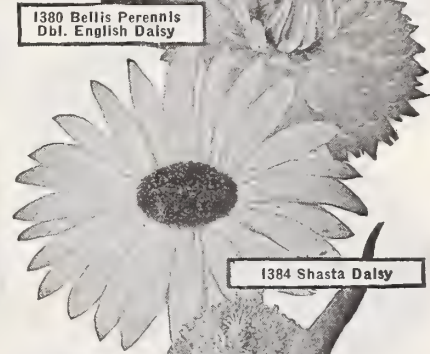
1543 **TALL SKY BLUE**. Most popular color of today. Pkt., 10c. ½ Oz., 55c.



1500 Heliotrope

1490 Helichrysum,  
Strawflowers

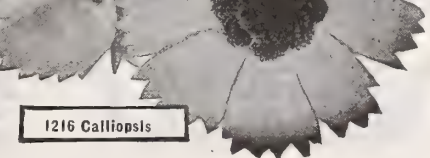
1020 Alyssum

1380 Bellis Perennis  
Dbl. English Daisy

1384 Shasta Daisy



1011 Blue Ageratum

1282 Cornflower  
or Bachelor Button

1216 Calliopsis

**LUPINES** 1529 **LUPINES MIXED.** Free flowering annual varieties. 1530 **NANUS BLUE.** Rich blue with white tips. 1531 **TEXAS BLUE BONNET.** Native light blue Lupine. Each: Pkt., 10c. Oz., 50c.

**MARIGOLD** Hardy, self sowing annuals, profuse bloomers, great favorites. Sow outdoors in fall in lower South only. 1554 **DWARF FRENCH.** 6 to 8 inches tall, small highly colored flowers. Pkt., 10c. Oz., 60c.

1555 **TALL FRENCH.** Small flowers, 30 in. tall. Pkt., 10c. Oz., 50c.

1553 **TALL DOUBLE AFRICAN.** Largest and best type, various shades of yellow and orange. Extra fine. Pkt., 10c. ½ Oz., 60c.

1556 **LEMON.** 1557 **ORANGE.** Tall Dbl. African. Pkt., 15c.

**MIGNONETTE** 1560 **MIGNONETTE.** Sweet scented cone shaped flowers of white, yellow and red. Hardy annual; 1 foot high. Pkt., 10c. Oz., 25c.

**NASTURTIUMS** Everybody's flower for borders, boxes, beds or cut-flowers. Tall varieties climb on fences, stumps or flower stands. Tender annual for fall sowing in lower South or indoors. 1595 **TALL MIXED.** All colors of climbing varieties. Pkt., 5c. Oz., 15c. ¼ Lb., 45c. Lb., \$1.25. 1590 **BUSH OR DWARF.** Large flowers of gorgeous colorings. Pkt., 5c. Oz., 15c. ¼ Lb., 45c. Lb., \$1.25. (Separate colors of Dwarf if desired; Gold, Rose, Indian Yellow, Purple, Dark Scarlet, Yellow-Red.)

**NIGELLA** 1597 **LOVE IN A MIST.** Hardy annual with blue and white flowers for borders and cutting. Grows 18 inches high and has odd shaped seed pods. Sow outdoors in fall for best blooms during following summer. Pkt., 10c. Oz., 25c.

**PANSIES** Extremely popular hardy annual that stands most any Southern winter. For best results sow about September 1 for blooming all through the following spring and summer.

1600 **FRENCH MIXED.** Small. Pkt., 10c. ¼ Oz., 45c. 1601 **TRIMARDEAU MIXED.** Larger, better strain, good colors. Pkt., 15c. ½ Oz., 50c. Oz., \$2.15.

1602 **HASTINGS' GIANT FLOWERING.** Best Cassier and Trimardeau Giants. Pkt., 20c. ¾ Oz., 60c.

1603 **CASSIER'S SUPERB.** Enormous blotched flowers; extra. Pkt., 25c. ¾ Oz., 85c. Oz., \$5.00.

1604 **HASTINGS' EXHIBITION.** Finest and largest in the world. Pkt., 35c. ¾ Oz., \$1.15. Oz., \$6.50.

**PETUNIAS** Tender Perennials but treat as Annuals, doing especially well all over the South. Grow about 18 inches high, blooming profusely. Sow in fall only in far South or transplant for indoor growing in winter. Doubles and Giant Singles are not satisfactory for ordinary planting.

1609 **HASTINGS' DE LUXE BEDDING MIXTURE.** Extra large flowers, gorgeous colors. Finest mixture in America. New selected type. Pkt., 15c. ¼ Oz., 55c.

1610 **FINE MIXED** Solid colors. Formula mixture. Pkt., 10c. ¼ Oz., 45c.

1611 **STRIPED AND BLOTCHED** Violet with white stars. Pkt., 10c. ¼ Oz., 60c.

1617 **BALCONY BLUE** New; fine, rich, large violet. Pkt., 25c. ¼ Oz., \$1.15.

1616 **BALCONY WHITE** Finest, largest white. Extra. Pkt., 20c. ¼ Oz., 70c.

1618 **GENERAL DODDS** Striking velvety blood-red. Pkt., 10c. ¼ Oz., 60c.

1619 **ROSE OF HEAVEN** Dwarf; rich rose-pink. Pkt., 15c. ¼ Oz., 50c.

1614 **ROSY MORN** Dwarf; pink with white throat. Pkt., 15c. ¼ Oz., 60c.

1612 **GIANT SINGLE FRINGED** Immense; costly. Pkt., 25c. 1/16 Oz., \$4.00.

1613 **GIANT DOUBLES** 50% come double; costly. Pkt., 50c. 1/16 Oz., \$20.00.

**POPPIES** Well known, popular single and double flowers. These are annuals for fall planting in the far South.

1650 **HASTINGS' SUPERB MIXED.** The widest colors and shapes of single and double annual Poppies. Pkt., 10c. Oz., 50c.

1654 **CARNATION FLOWERED** Double fringed; mixed colors. Pkt., 10c. Oz., 35c.

1662 **PEONY FLOWERED** Double ball shaped; mixed colors. Pkt., 10c. Oz., 35c.

1665 **SHRIMP PINK** New Peony flowered; finest tall Poppy. Pkt., 10c. Oz., 40c.

1672 **SHIRLEY MIXED** Large single cup shaped of many colors. Pkt., 10c. Oz., 40c.

1652 **AMERICAN LEGION** Glowing scarlet; white maltese cross. Pkt., 10c. ½ Oz., 45c.

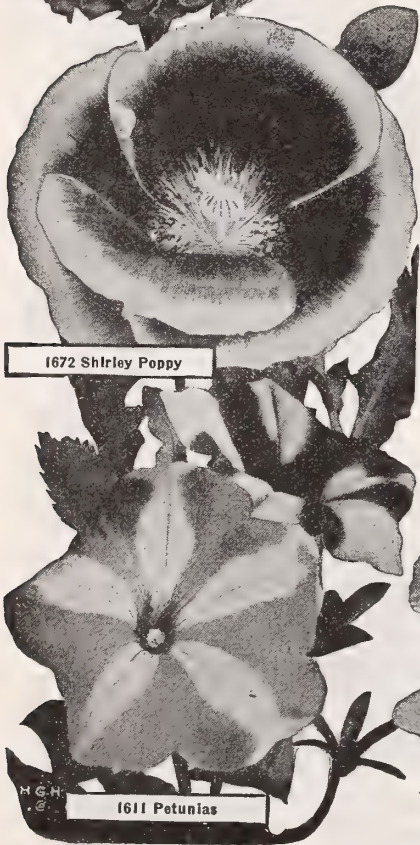
**ESCHSCHOLTZIA** California Poppy. Low growing annual. 1450 **SINGLE MIXED.** Yellow, orange, white. Pkt., 10c. Oz., 30c.

1451 **DOUBLE.** White, yellow. Pkt., 10c. ¼ Oz., 45c. 1454 **GOLDEN WEST.** Single golden. Pkt., 10c. Oz., 30c. 1455 **AURANTIACA.** Orange, best. Pkt., 10c. Oz., 40c. 1456 **CARMINE KING.** Pkt., 10c. ½ Oz., 45c. 1457 **WHITE.** Pkt., 10c. Oz., 30c.



1560 Mignonette

1553 Marigold

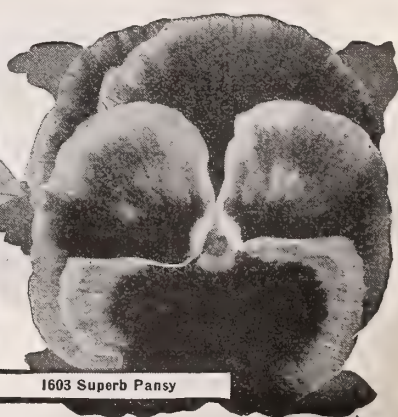


1672 Shirley Poppy

1611 Petunias



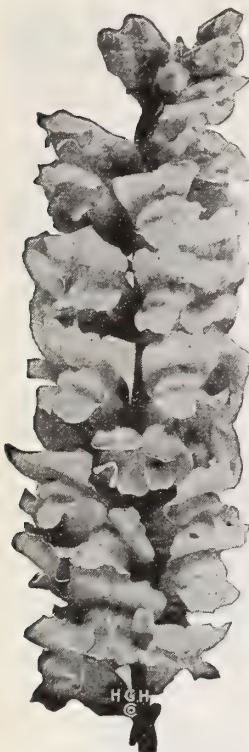
1455 Cal. Poppy, Eschscholtzia



1603 Superb Pansy



(1590) Nasturtiums



(1044) Snapdragon

**VERBENA**

Free flowering tender Perennial of low, spreading growth, usually treated as an annual. Sow in fall only in lower South or indoors. Easily grown, better for transplanting, grows 1 foot high and covered with clusters of white to deep purple, red and striped flowers. 1781 **HYBRIDS**. All colors. Pkt., 10c. ¼ Oz., 45c. 1784 **CANDISSIMA**. Best white. Pkt., 10c. ¼ Oz., 50c. 1786 **DEFIANCE**. Glowing scarlet, white eye. Pkt., 10c. ¼ Oz., 50c. 1789 **MAYFLOWER**. Rose-pink. Pkt., 15c. ½ Oz., 50c. 1790 **PURPLE MANTLE**. Richest purple. Pkt., 10c. ¼ Oz., 50c.

1782 **HASTINGS' GIGANTEA MIXED**. Largest, newest, finest of all. Pkt., 15c. ½ Oz., 45c. 1785 **BLUE-WHITE EYE**. Gigantic rich blue. Pkt., 15c. ½ Oz., 50c. 1787 **LUCIFER**. Gigantic scarlet. Pkt., 15c. ½ Oz., 50c. 1791 **LUMINOSA**. New gigantic flame-pink. Pkt., 15c. ½ Oz., 50c. 1792 **VENOSA**. Rosy violet species. Pkt., 10c. ¼ Oz., 60c.

**WALLFLOWER**

1800 **WALLFLOWER**. Well known fragrant annual type. Grows 18 inches high with terminal spikes of chocolate, orange, yellow, red and purple flowers. Finest doubles and mixed colors. Pkt., 10c. Oz., 40c.

**HASTINGS' MONSTER ZINNIAS**

The flower for everyone. Gives more for the time and money spent than probably any other flower. While half hardy annuals and usually sown in spring, may be sown in the early fall in the lower South or for indoors. Make effective beds and borders with a range of colors through purple, crimson, violet, scarlet, rose, salmon, orange, yellow and white. Grows from 18 inches for the Dwarfs to 2 and 3 feet high for Tall and Monster Zinnias. Zinnias are the most popular flowers on our whole list. While this is written in June, we have already sold Zinnia seed to more than 100,000 customers this year. You must know they are popular and the finest Zinnias yet produced. The Cut-and-Come-Again listed below has ordinary sized flowers. The Monsters are the largest, flowers often 6 inches across, and largest plants in cultivation. While a new type, they are rather well fixed as to separate colors. The Dahlia Flowered are not yet thoroughly fixed as to colors, but come about 80% true colors. They are as large as the Monsters and are Dahlia-flowering in appearance. Very new and worth while. Transplanting produces better plants and flowers.

1814 **CUT-AND-COME-AGAIN**. All colors, medium sized flowers. Pkt., 10c. Oz., 75c. 1813 **LILLIPUT OR POM POM**. 15 inches high, covered with smallest, perfectly double flowers. Becoming immensely popular. Pkt., 10c. ¼ Oz., 50c. Oz., \$1.35. 1815 **PICOTEE**. Large double; picoté petal tips. Pkt., 15c. ½ Oz., 40c. 1840 **QUILLED MIXED**. Cactus type, quilled petals. Pkt., 15c. ½ Oz., 40c.

1812 **HASTINGS' MONSTER MIXED**. All colors of these Giants, finest and largest grown. Pkt., 10c. ¼ Oz., 45c. 1820 **MONSTER CRIMSON**. 1822 **FLESH PINK**. 1821 **ORANGE KING**. 1824 **PURPLE**. 1823 **ROSE QUEEN**. 1825 **SALMON ROSE**. 1826 **SCARLET**. 1828 **YELLOW**. 1830 **WHITE**. All monster varieties—Each: Pkt., 15c. ½ Oz., 50c. Oz., \$1.70.

1850 **DAHLIA FLOWERED MIXED**. New Monster Zinnias with overlapping, cupped petals to considerable extent. All colors. Pkt., 20c. ½ Oz., 50c. Oz., \$2.50. 1862 **CANARY BIRD**. Yellow. 1854 **CRIMSON MONARCH**. Red. 1858 **DREAM**. Deep lavender. 1852 **EXQUISITE**. Rose-pink; finest of all Zinnias. 1856 **ORIOLE**. Orange-gold. 1860 **POLAR BEAR**. White. All Dahlia Flowered varieties—Each: Pkt., 25c. ¾ Oz., 60c.

**PHLOX** These are hardy annuals except 1634. Easily grown; 1 foot high, with large clusters of brilliant flowers. Sow in cold frames or outdoors in lower South.

1631 **GRANDIFLORA MIXED**. Large flowers in large clusters for great display. Pkt., 10c. ¼ Oz., 55c.

1632 **CUSPIDATA STAR**. Star shaped flowers with pointed petals. Pkt., 10c. ¼ Oz., 60c.

1633 **NEW DWARF MIXED**. 6 inches high and covered with large flower trusses. Pkt., 20c. ½ Oz., 65c.

**SCABIOSA** Also called Mourning Bride, Pin Cushions and Sweet Scabius. Attractive old-fashioned hardy annual in many colors. Sow in fall in lower South or protect from cold. 24 to 30 inches high. 1700 **MIXED**. 1701 **AGERATUM BLUE**. 1702 **FLESH PINK**. 1703 **CHERRY RED**. 1704 **SULPHUR YELLOW**. 1705 **SNOWBALL**. White. Each: Pkt., 10c. 3 for 25c. Oz., 90c.

**SNAPDRAGON**

*Antirrhinum*. Extremely popular tender Perennials that stand Southern winter if protected. Beautiful for beds, borders and cut-flowers, 18 to 24 inches tall with large spikes of rich blooms. Easily grown. 1040 **FINEST MIXED**. Pkt., 10c. ¼ Oz., 50c. 1042 **DEFIANCE**. Fiery orange scarlet. Pkt., 15c. ½ Oz., 45c. 1046 **GOLDEN QUEEN**. Rich yellow. Pkt., 10c. ¼ Oz., 50c. 1044 **PURITY**. Finest pure white. Pkt., 10c. ¼ Oz., 60c. 1041 **SILVER PINK**. Florists' favorite. Pkt., 15c. ½ Oz., 50c. 1048 **TALL MAXIMUM**. Super Giants. Newest, tallest and largest of all Snapdragons; about 3 ft. high. Much larger flowers than other type. Pkt., 15c. ½ Oz., 45c. Oz., \$2.00.

**STOCKS**

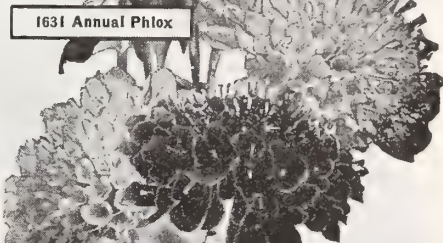
1698 **GIANT PERFECTION**. The Stock or Gilliflower is one of our most popular annuals for bedding or pot culture. It grows about 1 foot tall and produces fragrant flowers in various shades of red, pink, rose, blue, lilac, yellow and white. For winter blooming in pots or outdoors in the far South, plant in August or September in rich, heavy soil and keep them from drying out. You could hardly find a more satisfactory flowering annual. Pkt., 15c. 2 for 25c. ½ Oz., 60c.

**SWEET WILLIAM**

*Dianthus Barbatus*. Hardy Perennial, well known beautiful flowering plants in all shades of pink, scarlet, crimson, white and white with dark eyes. Forms a large head of clustered flowers that are fragrant. Grows 10 to 15 inches tall and while roots may be divided it is best to sow seed in late summer or early fall for blooms each following May and June. Better and larger flowers come from seed. 1775 **SINGLE MIXED**. All colors of brilliant flowers. Pkt., 10c. Oz., 25c. 1776 **DOUBLE MIXED**. Double flowers of bright colors. Pkt., 10c. ¼ Oz., 50c.



1631 Annual Phlox



1700 Scabiosa



1775 Sweet William



1820 Monster Zinnia

**HASTINGS' NURSERY CATALOG**

Our new Nursery and Bulb Catalog will be ready for you October 1st. Be sure to write for this "Home Beautiful" book if at all interested.

# HASTINGS' SWEET PEAS

This is probably the most popular flower grown today and more improvements have been made than on perhaps any other flower. In the lower South, Sweet Peas are grown through the winter. In the upper South plantings are made from November to March, though January and February outdoor plantings are safest. Culture directions are on each package.

**EARLY FLOWERING SWEET PEAS** Especially adapted to greenhouse culture and outdoor winter planting in the lower South. They bloom about two weeks sooner than Spencer Sweet Peas planted at the same time, and bloom almost as freely. Try some along with the regular Spencers. The Early Flowering type or race is the newest thing in Sweet Peas.

**1766 BLUE BIRD** Violet Blue. Bright, brilliant mid-blue; vigorous, free flowering. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1767 FAIR MAID** Blush Pink. Exquisite, new; beautifully suffused salmon. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1768 GLITTERS** Orange-Scarlet. No other compares in richness, brightness, fiery effect. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1769 HARMONY** Lavender. Beautiful clear lavender, vigorous and free flowering. Best of its color. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1770 LOVELINESS** Pink. Suffused soft pink, edges picotée rose-pink. Vigorous; free flowering. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1771 SNOWSTORM IMPROVED** White. By far the finest white. Extra large, boldly waved; long stems. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1772 ZVOLANEKS ROSE** Giant Rose Pink. Finest selected strain of the finest of all Sweet Peas. Packet, 15c. Oz., 50c. ¼ Lb., \$1.50. Lb., \$5.00.

**1765 HASTINGS' EARLY FLOWERING MIXED**—All Colors. Just the right proportion of many different varieties to produce the most pleasing and harmonious color effect. These are all Early or Winter Flowering Spencer Sweet Peas, the newest race or type. Packet, 15c. Oz., 40c. ¼ Lb., \$1.25. Lb., \$4.00.

**SPENCER SWEET PEAS** The finest race or type, extra large flowers, sometimes double the size of the old forms under good cultivation. Many of the Spencers have wavy and fluted-edged petals, which with their rich coloring give an almost orchid-like appearance. Sweet Pea lovers and specialists who want to grow the largest and most beautiful blooms with long stems plant Spencers. They are far ahead of Grandiflora type and Hastings' Spencers are simply exquisite. These are the finest grown. Prices Below!

**1724 AUSTIN FREDERICK IMP.**—Lavender. Giant, bright, rosy-lavender.

**1725 COMMANDER GODSALL**—New Dark Blue or deep violet blue.

**1726 CONSTANCE HINTON**—Mammoth White. Finest and largest white.

**1727 CRIMSON KING**—Rich Deep Crimson. Doesn't burn like other reds.

1769 Early Flowering Sweet Pea—Harmony

**1728 DEFIANCE**—Orange-Scarlet. Richest and best red, a cerise. Stands sun and a brilliant wavy flower. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.25.

**1729 EDNA MAY IMPROVED**—Pure White. Purest of all large flowers.

**1731 HAWLMARK PINK**—Deep Salmon Pink. Unsurpassed for exhibition.

**1732 HEAVENLY BLUE**—Clear Blue. New delphinium-blue of large size. Clear-est and best of all blues. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.25.

**1733 HEBE**—Large Bright Pink. Rich, deep rose pink. Best clear pink.

**1734 ILLUMINATOR**—Salmon Cerise. Sparkling effect; large and luminous.

**1735 MARY PICKFORD**—Cream Pink. Most beautiful and greatest publicity received of all Sweet Peas. Huge.

**1736 MATCHLESS**—Cream. Best of all cream or so-called yellow Sweet Peas.

**1746 MRS. ARNOLD HITCHCOCK**—Light Cream Pink. Exquisite, large.

**1747 PICTURE**—Deep Cream Pink. Gigantic blooms of beautiful coloring.

**1748 ROYAL PURPLE**—Best Purple. Strong grower and very floriferous.

**1740 SENATOR**—Chocolate and claret striped and flaked on heliotrope.

**1739 SUNSET**—New bright rose on amber ground, a very beautiful thing.

**1741 TANGERINE IMPROVED**—New Glowing Orange. The finest orange Sweet Pea yet introduced. Try it. Packet, 10c. Oz., 30c. ¼ Lb., 90c. Lb., \$3.25.

**1750 THE CARDINAL**—Intense Poppy Scarlet. New and striking color.

**1752 THE LADY EVELINE**—Rosy Mauve. Best and finest rich deep lavender.

**1754 VALENTINE**—Blush. This pink blush should be in every garden.

**1756 WARRIOR**—Deep Maroon. Mahogany with bronzy cast; large, fine.

**1758 YOUTH**—Picotee. Large pure white with beautiful pink picotee edges.

**Spencer Prices** All Spencer varieties above unless noted otherwise. Each: Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.50. 5 Lbs., \$10.00.

## 1720 Hastings' Mixed Spencers

This superb mixture is a beautiful blend of only the largest and brightest colored Spencer Sweet Peas. It includes all the above named varieties and standard Spencers of merit and many late novelties now being introduced. This we believe is the finest assortment and most pleasing and harmonious blend ever found in Sweet Peas or any other flower. It contains the most delightful array of colors you can imagine and the large, wavy and fluted flowers have almost an orchid-like appearance. Packet, 10c. Oz., 25c. ¼ Lb., 75c. Lb., \$2.25. 5 Lbs., \$9.00.

## GRANDIFLORA SWEET PEAS

The Grandiflora type is the common Sweet Peas that have been so popular for years. This type produces more flowers and stands indifferent treatment better than the newer types, but the flowers are not as large and stems are not as long.

**1713 AMERICA** Striped. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50.

**1714 DOROTHY ECKFORD** White. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50.

**1715 KING EDWARD VII** Crimson. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50.

**1716 LADY HAMILTON** Lavender. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50.

**1717 LORD NELSON** Blue. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50.

**1718 PRIMA DONNA** Pink. Packet, 10c. Oz., 20c. ¼ Lb., 50c. Lb., \$1.50.

**1710 GRANDIFLORA MIXED**—All Colors. Made up of 60 of the best varieties of this type, selected after careful observation of nearly 500 named varieties. These have been selected for rich colors, shades and tints to give a proper blend of color and sun resistance. Packet, 10c. Oz., 20c. ¼ Lb., 45c. Lb., \$1.25.



(1735) Spencer Sweet Pea—Mary Pickford

# Bulbs For "The Home Beautiful"

HASTINGS' BULBS—LIKE HASTINGS' SEEDS—ARE THE FINEST IN AMERICA

## Hastings' Mammoth Crocus

### First of all Spring Blooms

The Crocus is the first flower to bloom in the spring. Farther north it is often seen while snow still covers the ground. In the South it is perfectly hardy and may be left in the ground to flower for years. Most every other thing of beauty seems afraid of frost, sleet, snow and all cold weather, but the undaunted Crocus comes right out with its beautiful appearance and lets us know that spring is on its way.

Crocuses may be planted for bed effects with other bulbs and will bloom and be out of the way before the other bulbs make their appearance. They may be grown in pots and boxes also but their natural and most beautiful effect is from planting them all through your lawn. They grow very low and will not hurt the lawn, which can be mowed or cut close except during the two or three weeks the crocuses are in bloom.

Crocuses attract more attention than most any other flower because of their extra earliness and delightful rich colorings at a time when no other flower is in bloom outdoors. A charming effect is made by planting them in clumps or singly in your lawn. They are most effective in large numbers, 100 to 500 in each bed or a part of your lawn.

- 2100 **BARON BRUNOW**—Purplish Mauve. Very pretty and fine.  
 2110 **CLOTH OF GOLD**—Yellow and Brown. Exquisite combination.  
 2120 **NON PLUS ULTRA**—Deep Purple with conspicuous white edge.  
 2130 **QUEEN VICTORIA**—Pure White. Large.  
 2140 **SIR WALTER SCOTT**—White Striped Purple or Lilac.  
 2150 **YELLOW MAMMOTH**—Yellow. Extra large and grandest yellow.  
 2160 **MIXED CROCUS**—All Colors. Our mixture of all varieties above.

**PRICES**—ALL CROCUS—3 for 20c. 6 for 35c. 12 for 60c. 25 for \$1.05. 100 for \$4.00. 1,000 for \$30.00.

## HASTINGS' NEW GIANT FREESIAS

The sweetest flower that grows. These small bulbs give very delicate and beautiful blooms, their fragrance being especially delightful. In your home window these exquisite new Freesias will flower in six weeks after growth starts. The glistening flowers are borne on long stems and are very valuable for cutting. Plant a few every couple of weeks from August to October for a continuation of blooms. The foliage is very fine and slender and it is well to use light stakes in the pots for support. Our new colored varieties are simply exquisite. They are the very finest varieties in existence and are grown for us by the greatest Freesia specialist known. He is the originator of the exquisite colored Freesias, Mr. Alois Frey, the foremost grower and authority. *Refracta Alba* or *Purity*, the pure white, is, of course, still the most popular variety in cultivation.

2200 **REFRACTA ALBA**—Purity White. Standard and most popular Freesia grown. Our bulbs are  $\frac{5}{8}$  to  $\frac{3}{4}$  inches in diameter, large size bulbs and necessary for earliest and finest blooms.  $\frac{1}{2}$  to  $\frac{5}{8}$  inch bulbs are worth only \$15.00 per 1,000 and are not very satisfactory, to show you the difference. 6 for 30c. 12 for 50c. 50 for \$1.65. 100 for \$3.00. 1,000 for \$25.00.

2205 **AMETHYST**—Amethyst Blue. Beautiful new blue with light center. Strong sturdy growth. 3 for 25c. 12 for 85c. 100 for \$5.65. 1,000 for \$40.00.

2210 **CALIFORNIA**—Golden Yellow. Large flower, long stems, extra fine growth and bloom. 3 for 25c. 12 for 75c. 100 for \$5.00. 1,000 for \$36.00.

2215 **CARMENCITA**—Orange Salmon. Buff shading on lower petals; beautiful coloring, long stems. 3 for 25c. 12 for 70c. 100 for \$4.65. 1,000 for \$33.00.

2220 **GENERAL PERSHING**—Pink. Lavender tint, large flower and very popular. 3 for 25c. 12 for 70c. 100 for \$4.65. 1,000 for \$33.00.

2225 **ILENA**—Lavender. Rosy tint, white throat, orange blotch on lower petal. Large, attractive flowers. 3 for 25c. 12 for 75c. 100 for \$5.00. 1,000 for \$36.00.

2228 **MELBA**—New Deep Pink. Deep rich pink with golden yellow throat. Flower very large, 3 to 4 flowers open at a time. Strong grower with several lateral shoots. 3 for 30c. 12 for 95c. 100 for \$6.40. 1,000 for \$48.00.

### CUSTOMER NOTICE

Many bulbs for fall planting are grown for us in Holland, France and Japan. Bulbs listed in this Catalog usually arrive in Atlanta during August and September and may be successfully planted until December, except Easter Lilies until Nov. 1st.

Hastings' Fall Bulbs are in such increasing demand that some of the most popular varieties always sell out early. Send in your order as soon as possible to be sure of your supply.



(2160) Hastings' Mammoth Crocus



(2200) Hastings' Exquisite Giant Freesias

## HASTINGS' LILY OF THE VALLEY

2695 The finest Lily of the Valley "Pips" in the world are sold by Hastings. Holland-grown Pips are cheap, inferior, and they do not produce fine blooms like the Berlin-Wittenberg type, imported direct. These Pips are the best of all for all forcing purposes and will do fine for you for pot or box growing.

We are anxious for you to compare our Pips and their splendid blooms with any you can obtain anywhere. Remember, our Berlin-Wittenberg type Pips are "Top-Size" only. They produce strong spikes of 12 to 20 extra large, pure white bells each and are delightfully fragrant. The finest Pips, very easy for anybody to grow and about the quickest bulb we know to bloom. (3 weeks).

We can supply Valley Pips every month in the year. Set a bundle of 25 Pips, just as they come, in a pot for house blooms in about 3 weeks; after blooming, naturalize them in a cool, shady place outdoors.

**PRICES**—Top Size Crowns or Pips—6 for 50c. 12 for 95c. 25 for \$1.75. 100 for \$6.00. 1,000 for \$50.00. (Finest Florists' Quality, Properly Cured, Ready to Bloom.)



(2695) Hastings' Lily-of-the-Valley

# Hastings' Giant Trumpet Daffodils

SURPLUS STOCKS ALLOW ESPECIALLY EMPRESS, ORANGE PHOENIX, SIR WATKINS, LAURENS KOSTER AND WILL SCARLET AT WHOLESALE PRICES POSTPAID



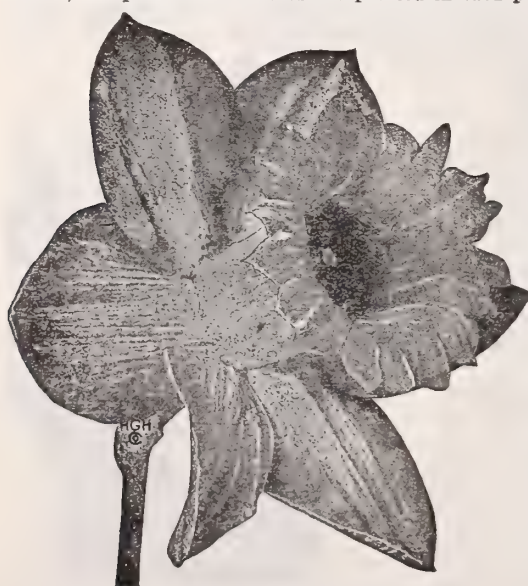
Hastings' Giant Olympia (Left), Empress and Van Waveren Giant (Right) Daffodils, Grown on the Hastings' Plantation.

## HASTINGS' GROWN DAFFODILS

On the Hastings' Plantation near Atlanta these beautiful Daffodils are grown for you. After inspecting practically all Daffodil bulb crops of consequence in America we say you can get no better bulbs. Bulb growers from Holland and England have also verified this, one of the largest growers in the world saying, "Those are the finest I've seen in America, as fine as any grown anywhere."

We just wish you could see these Giants growing on the Hastings' Plantation. We are growing hundreds of thousands and working with about 200 different varieties. They do fine in pots and boxes in the house during the winter and outdoors for the early spring beds, borders and lawn or naturalized plots. They make beautiful cut flowers. They bloom and increase every year.

**Culture** Cover the bulb one and a half times its own depth, planting bulbs 5 to 6 inches apart, depending on the size. For greenhouse, hot bed or house culture treat as Hyacinths, except 3 or more bulbs are planted in each pot.



(2533) King Alfred

Finest Giant Golden Yellow Daffodil Ever Grown

**2520 EMPRESS**—Bicolor Giant Trumpet. Robust grower with large flowers. Trumpet is rich chrome-yellow and perianth is full and white. See illustration. Midseason flowering; 18 inches. 3 for 35c. 12 for \$1.00. 100 for \$8.50. 1,000 for \$75.00.

**2510 EMPEROR**—Giant Trumpet. Very popular Daffodil. Pure yellow primrose of large size with wide, overlapping perianth. Midseason flowering and 18 inches in height. Excellent for naturalizing. 3 for 40c. 12 for \$1.50. 100 for \$12.00.

**2533 KING ALFRED**—Extra Giant Trumpet. Its size, vigorous growth and deep richness of color make it the **Finest Giant Golden Yellow Daffodil**. Flowers fully 4 inches across. Early; height 20 in. 20c each. 3 for 55c. 12 for \$2.00. 100 for \$15.00. 1,000 for \$135.00.

**2548 NELLY**—White Wide Trumpet. Very pale primrose, turning pure white, both trumpet and perianth. Early, strong grower, odd and beautiful medium size flowers; 15 inches. A beautiful white Daffodil. 3 for 35c. 12 for \$1.00. 100 for \$7.50. 1,000 for \$65.00.

**2588 OLYMPIA**—Extra Giant Trumpet. See picture. Trumpet mouth is beautifully fluted; size is extra large. Perianth light chrome-yellow; trumpet deep chrome-yellow. Early; 15 in. Value is

in earliness and size. 35c each. 3 for \$1.00. 12 for \$3.50. 100 for \$25.00.

**2591 ROBERT SYDENHAM**—Immense Giant Trumpet. Almost a bicolor primrose perianth and rich yellow trumpet. Our choice as the greatest of all Trumpet Daffodils. In exceeding good taste; late midseason; 16 inches. Simply grand. 50c each. 3 for \$1.35. 12 for \$5.00. 100 for \$33.00.

**2594 VAN WAVAREN GIANT**—Bicolor Extra Giant Trumpet. Called the biggest Daffodil in the world. See picture. Perianth soft-primrose-yellow with a bright yellow trumpet. Similar to Robert Sydenham but slightly later. Height 15 inches. 35c each. 3 for \$1.00. 12 for \$3.50. 100 for \$25.00.

**Giant Incomparabilis** Trumpet-Poet crosses; giant size; medium length trumpets.

**2507 BERNARDINO**—Best yet seen of this type. Huge size, heavily frilled and fluted, deep blood-orange cup and cream perianth. Magnificent flowers on 22-inch stems. Hardy grower forming nice garden clumps. Several awards of merit. 35c each. 3 for \$1.00. 12 for \$3.50. 100 for \$22.00.

**2514 DOSORIS BARRI**—Broad overlapping perianth of pure white, giving a round appearance, surmounted by a large wide open or flat, beautifully frilled cup or crown of rich orange-red. Very striking; award of merit winner. 50c each. 3 for \$1.35. 12 for \$5.00. 100 for \$33.00.

**2540 LUCIFER**—Large; golden orange colored cup with scarlet suffusion, surrounded by long, rounded, flowing white petals. Bold, showy color for outdoors, holding its color well. Also stands light forcing. Height, 18 inches. New York shows feature it. 15c each. 3 for 40c. 12 for \$1.25. 100 for \$10.00.

**2590 ORANGE PHOENIX**—Finest Double, "Bacon and Eggs." Best and most beautiful of all doubles. Double bicolor flowers with rich orange nectary. Splendid for pots, cutting and outdoors; exceptional. Midseason; 19 inches. Does not turn green. 3 for 25c. 12 for 75c. 100 for \$5.50. 1,000 for \$50.00.

**2580 SIR WATKINS**—Extra Giant Incomparabilis. Called the Giant Welsh Chalice Flower. The king of half-trumpet Narcissi. Sulphur-yellow perianth with deep yellow cup, extra large flower 5 inches across. Midseason; 18 inches. 3 for 35c. 12 for \$1.00. 100 for \$7.50. 1,000 for \$70.00.

**2597 WHITEWELL**—Perianth pure creamy white with very broad, overlapping petals; large, bold, open cup of deep orange-yellow. Very large flower, facing slightly upwards on 18-inch stems. 30c each. 3 for 80c. 12 for \$3.00. 100 for \$20.00.

**2595 WILL SCARLET**—Something different. Fiery orange-red and elegantly frilled cup mouth, deepest sulphur at base. Perianth is ivory white; flowers over 3 inches wide and beautiful chalice flowered; 12 inches. Latest Daffodil to bloom and nearest to red. 20c each. 3 for 50c. 12 for \$1.75. 100 for \$13.50.

**Giant Leeds** Giant Trumpet-Poet crosses with white perianth and large light colored crowns in exquisite taste.

**2511 CRYSTAL QUEEN**—Giant type; pure white perianth, extra large and frilled light primrose, trumpet turning clear paperwhite. A winner at the big shows. Faces forward and upward on long 18-inch stems. Has the size, form, color, stem and health. 50c each. 3 for \$1.35. 12 for \$5.00. 100 for \$33.00.

**2525 HER GRACE**—Beautiful overlapping snow-white perianth with large, cool ivory crown. Exquisite carving in pure white margin around the crown's brim, resembling lacey ruffles. Strong grower, large bulbs, broad foliage, much substance. Exhibition quality in entire plant. \$1.00 each. 3 for \$2.75. 12 for \$10.00.

**2578 SIRDAR**—Free-flowering Backhouse origination with fine white perianth and clear yellow trumpet. Entire flower of unusually heavy texture, good form and substance on strong stem. 50c each. 3 for \$1.35. 12 for \$5.00. 100 for \$33.00.

**2565 WHITE LADY**—Broad, round, overlapping white perianth, pale canary cup, Eucharis shaped. Strongest, largest and richest flowering of all the short cupped Leeds varieties. Extremely hardy; 21 inches and wonderful for naturalizing. 3 for 25c. 12 for 90c. 100 for \$6.50. 1,000 for \$60.00.

**Poetaz** Poet-Polyanthus crosses, giving 3 to 10 flowers per stem; rich coloring and fine for indoor or outdoor growing. Great money value.

**2502 ADMIRATION**—Newer and perfumed Van Waveren cluster-flowered variety with soft sulphur-yellow taffeta silk-like perianth and rich orange cup; 4 to 6 flowers per stem. Good sized flowers nicely placed; delicate perfume and fine lasting qualities. 35c each. 3 for \$1.00. 12 for \$3.50. 100 for \$22.00.

**2505 ASPASIA**—Exceptional, very large, very long stemmed; 3 to 5 striking pure white flowers with yellow cups to each stem. Award of merit winner; exquisite form and purity—a superior quality Daffodil. Midseason; 20 inches. Grand. 3 for 35c. 12 for \$1.00. 100 for \$7.50. 1,000 for \$70.00.

**2523 HELIOS**—The outstanding yellow Poetaz. Creamy yellow perianth and pure yellow cups. Fine, very floriferous and excellent cut-flower variety. Early, with 5 to 9 large florets on each strong stem. Excellent forcing variety. 20c each. 3 for 50c. 12 for \$1.75. 100 for \$13.50.

**2535 LAURENS KOSTER**—This variety is especially recommended. Holland is crazy about it. Pure white perianth with yellow cups, edged bright orange. Delightfully perfumed; tall, strong stems. 3 to 5 flowers per stem; midseason; 24 inches. Special Price: 3 for 25c. 12 for 90c. 100 for \$7.00. 1,000 for \$60.00.

**Poeticus Type** The Poet's Narcissus, white with red edged flat cup. Excellent naturalized; finest flowers after well established.

**2527 HORACE**—Pure white perianth with conspicuous red eye; free-flowering on strong 18-inch stems. Quite the largest and best of the new Poet narcissi and award of merit winner. Plant early in rich soil for largest flowers. 15c each. 3 for 40c. 12 for \$1.25. 100 for \$10.00.

**2570 ORNATUS**—Very hardy; used in large numbers for outdoor naturalizing, and indoors in pots. Pure white flowers, saffron-yellow cup margined scarlet. Free flowering and popular all over the world. Good commercial variety. Late, 15 inches. 3 for 25c. 12 for 85c. 100 for \$6.00. 1,000 for \$55.00.

**Jonquils** The old fashioned deep yellow, sweet-scented Narcissus. Small flowers in clusters. New Hybrids are large and far superior.

**2509 CAMPERNELLE GIGANTEUS**—Finest, best and largest Campernelle. Very fine fragrant cut-flower variety with impressive flowers in pairs. Forces readily and early. Best of all Hybrid Jonquils, except Golden Sceptre of trumpet form. Deep golden yellow; 18 inches. 20c each. 3 for 50c. 12 for \$1.75. 100 for \$13.50.

**2521 GOLDEN SCEPTRE**—Really should be included with the Trumpet Daffodils and in every collection. Deep golden yellow perianth and long trumpet; sweet-scented and strongest growing Hybrid. Broad leaves and size of a Daffodil. Unusual and highly recommended. 35c each. 3 for \$1.00. 12 for \$3.50. 100 for \$22.00.

**2532 JONQUIL**—The old fashioned, small, cluster-flowered, sweet-scented Jonquil of our Grandmothers' door-yards. Deep golden yellow clusters of 3 to 8 florets on rush-like foliage. Very effective at base of rock garden and extremely hardy. 3 for 35c. 12 for \$1.00. 100 for \$7.50. 1,000 for \$70.00.

## PAPER WHITE NARCISSUS

**2600** See picture to left, growing fine in water. The famous Polyanthus or Paper White Grandiflora Narcissus. The easiest grown and most popular of all bulbs. Good for open ground planting in the lower South, winter pot culture in the house and delightfully grown in water as shown in the picture. Our bulbs are of fine blooming size and bloom uniformly if not planted too early. For forcing or indoor culture, best flowering is had from November and December planted bulbs. Plant bowls every couple weeks for blooms from Christmas to Easter in the house. Daffodils are fine but nothing can take the place of our large, many flowered Paper White Narcissus—the most popular of all bulbs.

We of the central and lower South have a great opportunity with these exquisite, fragrant, many flowered, pure white flowers outdoors. Bulbs—3 for 30c. 6 for 50c. 95c per dozen. 25 for \$1.75. 100 for \$6.50. Not Prepaid—1,000 for \$45.00.

**2602 GRAND SOLIEL D'OR** The yellow flowered polyanthus or many flowered Narcissus is grown like our famous "Paper Whites" in the South and is especially adapted to growing in pots and boxes in the house for early winter blooms. It is the popular large bunch flowering variety with clear, bright yellow perianth and bright orange cups or eyes. Excellent variety and delightfully fragrant. 25c each. 3 for 75c. 6 for \$1.35. 12 for \$2.50. 25 for \$4.40. 100 for \$16.00. Not Prepaid—1,000 for \$120.00.

**2604 CHINESE SACRED LILY** This Flower of the Gods, "Shui Sin Far," Water Fairy or Joss Flower as it is called by celestials, is a variety of Narcissus that blooms profusely chaste flowers of silvery white with cups or short trumpets of golden yellow.

These large size mother bulbs are of great vitality and luxuriant growth, producing spikes of flowers within six to eight weeks after planting. They do well in pots of earth and are beautiful when grown in shallow bowls of water with enough pebbles to keep them from falling over when in bloom. A dozen bulbs, started at intervals, will give a succession of blooming plants throughout the winter. 15c each. 3 for 40c. 6 for 70c. 12 for \$1.25. 100 for \$8.50. Not Prepaid—1,000 for \$60.00.



(2535) Poetaz Daffodil—Laurens Koster



(2511) Giant Leedsi Type—Crystal Queen



(2600) Hastings' Paper White Narcissus

# HYACINTH BULBS

**Culture** Hyacinths do best in a rich, light loam but do well in any good soil. For bedding and other outdoor planting, set bedding bulbs 6 to 8 inches apart each way and 10 inches apart for the selected exhibition varieties. Cover each bulb about one and a half times its own depth.

For pot culture with the exhibition varieties the most beautiful spikes are made with only one bulb to each 5-inch pot or three or four in a larger pan. It is essential for blooming indoors that the growth be started in the dark. A frequent mistake is made by bringing the bulbs into the light too soon, resulting in a failure to bloom or weak spikes.

Potted bulbs may be entrenched or heeled in the garden and covered with six inches of ashes or gravel for moisture and to prevent frost damage. A bed of ashes should be beneath the pots too, to keep out worms. They may also be kept dark and well watered in a cold-frame or cool cellar. **Keep them dark for 12 weeks** and then keep them in low temperature (about 50 degrees) for 2 weeks until top growth is well developed. Then you may force them as rapidly as you want. You will have strong, compact spikes by keeping close to the glass or window and giving plenty of air. This extra care is worth while.

For growing in bowls of water, start in a cool, dark place for 12 weeks and then force like potted bulbs.

## SELECT EXHIBITION HYACINTHS

These are the finest selected Hyacinths in existence and the largest sized bulbs grown. They produce huge spikes of brilliant, fragrant, exquisite blooms. With them you know you have the best in all the world. Compare our prices with all others.

**2395 CITY OF HAARLEM—Yellow.** Real exhibition variety; considered the finest yellow Hyacinth. Pure soft yellow, large truss, well filled with bells. Medium maturity, a splendid sort for all purposes and a prize winner. 25c each. 3 for 70c. 12 for \$2.70. 100 for \$17.50.

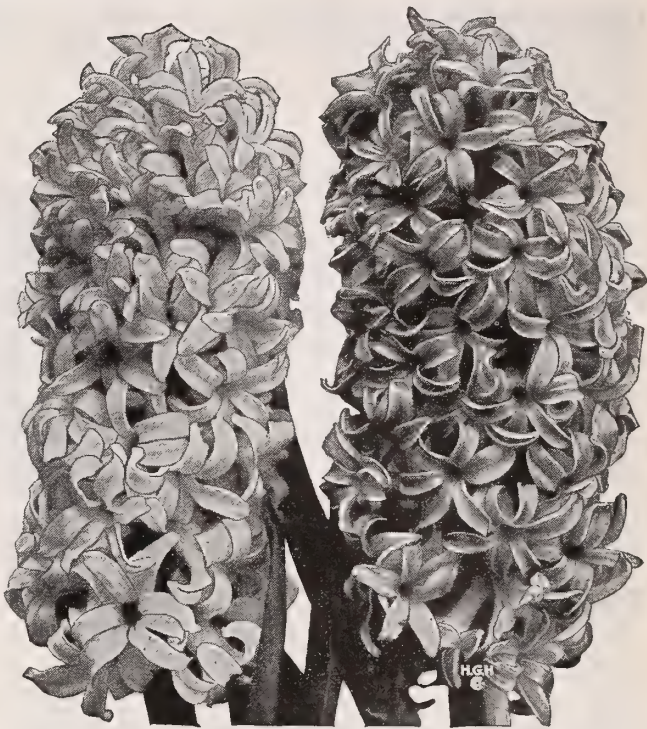
**2390 CORREGGIO—White.** Beautiful purest white. A magnificent large flower truss filled with large bells of excellent substance. One of the finest exhibition varieties. Second early. 25c each. 3 for 70c. 12 for \$2.70. 100 for \$17.50.

**2400 GARIBALDI—Red.** Glowing deep crimson-red with a large spike. An early variety of great merit and the best red for early forcing in pots or bowls of water and a fine outdoor grower. 25c each. 3 for 70c. 12 for \$2.70. 100 for \$17.50.

**2410 GERTRUDE—Dark Pink.** Dark rosy pink; large compact truss of bloom; strong spike and early bloomer. The most popular pot and bedding Hyacinth because of its color and compact bloom; the florist's favorite. 25c each. 3 for 70c. 12 for \$2.70. 100 for \$17.50.



Try (2450) Yellow Hammer, (2390) Correggio, (2430) La Grandesse (2410) Gertrude in Pots and Outdoors. They Are Prize Winners.



Exhibition Hyacinths—(2415) Gigantea and (2315) Lady Derby

**2415 GIGANTEA—Blush Pink.** The many small bells form one of the biggest heads and it is one of the finest of all for forcing or pot culture. Try it. It's a beauty. 25c each. 3 for 70c. 12 for \$2.70. 100 for \$17.50.

**2420 KING OF THE BLUES—Dark Blue.** Perhaps the largest Hyacinth in existence. Splendid, well finished flower-truss of a most brilliant shade of bright indigo-blue; excellent for late forcing and bedding. 25c each. 3 for 70c. 12 for \$2.70. 100 for \$17.50.

**2315 LADY DERBY—Rose Pink.** Very fine large, heavy spike, excellent for pot culture as well as outdoors, with strong stem that holds the truss well and bright pure rose pink. Considered the finest rose-pink Hyacinth. 25c each. 3 for 70c. 12 for \$2.70. 100 for \$17.50.

**2430 LA GRANDESSE—Pure White.** Stands as yet unrivalled as the queen of white Hyacinths. The intense whiteness of the large, fleshy bells and size and shape of truss are unequalled. Perfect form; see picture on left. 25c each. 3 for 70c. 12 for \$2.70. 100 for \$17.50.

**2360 QUEEN OF THE BLUES—Light Porcelain-Blue.** Unusually bright pure azure blue bells of medium size form a big compact truss on a strong stem. Unrivalled for pot culture. 25c each. 3 for 70c. 12 for \$2.70. 100 for \$17.50.

**2440 QUEEN OF THE PINKS—Pink.** New novelty, one of the greatest acquisitions to date. Sport of King of the Blues, just as brilliant in color as its parent; very bright rose pink, clear tone; large spike, large bells. 25c each. 3 for 70c. 12 for \$2.70. 100 for \$17.50.

**2445 ROI DES BELGES—Bright Scarlet Red.** Most popular of the deep reds. Upright, well filled large compact truss. Exceptional bedder as well as for indoor culture. 25c each. 3 for 70c. 12 for \$2.70. 100 for \$17.50.

**2450 YELLOW HAMMER—Creamy Yellow.** The most popular yellow; early; splendid forcer. Medium sized bells forming a very compact, ball-shaped, very beautiful truss. 25c each. 3 for 70c. 12 for \$2.70. 100 for \$17.50.

## Exhibition Hyacinth Collection "A"

To introduce these wonderful bulbs, the finest and largest in America, we offer you one each of these 12 superb varieties above for \$2.50. 3 Bulbs of each for \$6.85. 12 of each for \$25.00.

## Exhibition Hyacinth Collection "B"

One bulb each of the 6 different colors—Pink, Yellow, Rose, Red, White and Blue—Our selection from varieties above, \$1.35.

# BEDDING HYACINTH BULBS

The following named varieties are, with the Exhibition varieties on the preceding page, the finest varieties in existence. The only material difference is in the size of the bulbs and the slight difference in color. Order the largest bulbs on Page 34 if you can afford it, but you will find the following the finest bedding size bulbs that you can buy. They are especially adapted for bedding and outdoor culture but also do well in pots and bowls of water. Plant these by the hundred.

**2260 ARENTINE ARENDSSEN**—White. Pure snow white; spike well filled and perfect round shape. Broad wide open petals. Early, bright and pretty. 20c each. 3 for 45c. 12 for \$1.50. 100 for \$10.00.

**2265 BUFF BEAUTY**—Buff Orange. Very large truss of a soft buff or orange yellow, very satisfactory grower and bloomer and a fine yellow Hyacinth. 20c each. 3 for 45c. 12 for \$1.50. 100 for \$10.00.

**2270 GENERAL DE WET**—Light Rose. A sport from Grand Maitre; very fine variety with a very broad spike of beautiful light rose flowers. Just as fine as its famous parent. 20c each. 3 for 45c. 12 for \$1.50. 100 for \$10.00.

**2290 GRAND MAITRE**—Lavender Blue. The most popular blue. Bright deep lavender blue, shaded darker blue; bells form a spike of immense size and perfect shape. 20c each. 3 for 45c. 12 for \$1.50. 100 for \$10.00.

**2300 KING OF THE YELLOWS**—Yellow. Handsome compact spike of a rich deep yellow. 20c each. 3 for 45c. 12 for \$1.50. 100 for \$10.00.

**2310 LA VICTOIRE**—Red. There is no brighter bedder. Bells are close together, forming a long, heavy, splendidly finished spike. See picture of La Victoire at right. 20c each. 3 for 45c. 12 for \$1.50. 100 for \$10.00.

**2320 L'INNOCENSE**—White. The leading white for forcing and bedding; early; pure white. 20c each. 3 for 45c. 12 for \$1.50. 100 for \$10.00.

**2325 MARCONI**—Deep Rose. Very bright in color, large compact truss, a splendid pot Hyacinth, blooming later than others. Fine form and a very worthy and popular leader. 20c each. 3 for 45c. 12 for \$1.50. 100 for \$10.00.

**2330 MENELIK**—Dark Blue. Undoubtedly the best very dark blue Hyacinth; almost black, a glittering bluish black. Spike is large and well formed, demanding attention. 20c each. 3 for 45c. 12 for \$1.50. 100 for \$10.00.

**2340 MORENO**—Pink. One of the earliest pinks and most popular in Europe. Very heavy truss, almost too large. Extra fine for forcing as well as growing outdoors. 20c each. 3 for 45c. 12 for \$1.50. 100 for \$10.00.

**2350 QUEEN OF THE WHITES**—Pure White. New and meritorious; broad, large truss, fine pure white bells, a gem for late forcing and fine for bedding purposes. 20c each. 3 for 45c. 12 for \$1.50. 100 for \$10.00.

**2365 ROBERT STEIGER**—Red. A very choice new introduction for us. We don't know of anyone else in America with this fine brilliant red. Equally desirable for indoor and outdoor planting. 20c each. 3 for 45c. 12 for \$1.50. 100 for \$10.00.



(2310) La Victoire Rose Hyacinth

## Bedding Hyacinth Collection

One each of the above 12 first bedding size Hyacinths—just as fine varieties as the Exhibition Hyacinths, but not quite as large bulbs. These are 15 to 16 centimeter bulbs, while the Exhibitions are top size, 19 centimeters and up in circumference. These are excellent for outdoor use and also good for growing in pots and bowls and vases of water.

12 Bulbs—12 Varieties—Individually Wrapped and Named—\$1.35 Postpaid.

## HASTINGS' MIXED HYACINTHS—ALL FROM NAMED VARIETIES

Our own mixture of leading named varieties, grown separately, so we know they are all fine bloomers and the finest Bedding Size Hyacinths for sale in America. Usually, 13 to 15 centimeter size bulbs are offered as Bedding Size Hyacinths. Hastings' are 15 to 16 centimeter size bulbs, each order mixed separately to make certain of a well balanced blend or assortment of colors. 6 Bulbs, each a different variety, 75c. 12 Bulbs, all different, \$1.25. 50 Bulbs, assorted, for \$4.85. 100 Bulbs, assorted, for \$9.50.

## LILIES

We here list the two outstanding Lilies for late summer or early fall planting in the South. The Bermuda Easter Lily is grown in large quantities in the lower South and especially in Florida outdoors. Farther North it is a favorite for growing indoors in the home and in greenhouses for Easter pot-plants and cut-flowers. The Madonna Lily is perfectly hardy outdoors and most popular of all Lilies. Other varieties, like Regal, Auratum, Speciosum, Tiger, etc., come from Japan and elsewhere in late fall for winter or spring planting. You will find them listed in our Nursery Annual, ready Oct. 1st, and Spring Catalog ready for mailing by Christmas. Order these two varieties and plant them as soon as possible for the most magnificent spring bloom.

**LILium CANDIDUM "The Madonna Lily"** Grown in Northern France. Arrive in September. Must be planted by early November.

Don't order after November 1st. The most popular of all Lilies, the first to flower in May and is exquisite in hardy border plantings. Snowy white in color, grows 4 to 5 feet tall, with 15 to 20 blooms. Fragrant, thrives in sun or shade, though prefers sun, and lasts for years. Grand old garden favorite. Set bulb slightly on its side, cover 2 or 3 inches and a little sand beneath the bulb is fine. A tuft of leaves appears in the fall, which may be covered with leaves or straw for winter protection from hard freezes. Largest Size, Monster Bulbs—35c each. 3 for \$1.00. 12 for \$3.25. 25 for \$6.00. 100 for \$22.50.

**LILium HARRISII "Bermuda Easter Lily"** Bulbs are grown in Bermuda, reaching us about August. Plant before Nov. outdoors in lower South or in pots indoors for the large, trumpet-shaped, pure white, delightfully fragrant spring blooms. This is the dwarf or low growing true Bermuda Easter Lily, in greatest demand and most suitable for pot culture. We have the finest bulbs which make the largest and most flowers—the florists' delight. This chaste and beautiful Easter Lily is coming into greatest popularity. Mammoth Bulbs—75c each. 3 for \$2.10. 12 for \$7.50. 100 for \$60.00.



The Beautiful Madonna Lily



Lilium Candidum



Hardy Garden Iris—Pallida Dalmatica—25c

## JAPANESE IRIS

**IRIS LAEVIGATA OR KAEMPFER VARIETIES**—This stately section of the Iris family embraces flowers of wonderful color, vivid yet very harmonious in the rainbow of fascinating color combinations. The great size of the flowers, often 6 to 8 inches and more across, make them all the more noteworthy. Many of them are double, having six or more large petals.

Unlike the German or Garden Iris, they stand almost unlimited quantities of fertilizer (but no lime) and even swampy ground, but any good, well-drained soil should give sturdy growth and amazing blooms if they are given plenty of water during the dry season. They come into bloom right after the German Iris and are at their best in June.

**Special Offer** One plant each of these 6 wonderful Japanese Iris—Only \$1.75. 3 each for \$5.00.

## Spanish-Dutch Iris

### BEAUTIFUL BULBOUS IRIS FOLLOW TULIPS IN BLOOM

These exquisite spring flowering American grown Iris bulbs are not to be confused with the old Spanish Iris. These have much larger flowers and bloom 2 weeks earlier. Flowers are borne on stiff, straight stems about 2 feet high; colors are rich and clear. They make unsurpassed cut flowers, all florists want them, and they are beautiful for show in the garden. Plant in rows or beds, about 3 inches deep and 3 to 6 inches apart in any fair garden soil. Plant early in fall for bloom early in April. They immediately follow Tulips in blooming time.

**2903 ALBERT CUYP**—Yellow and White. Blue white standards, white throats, gold eyes, yellow lips. Dutch Iris. 3 for 25c. 6 for 45c. 12 for 75c. 100 for \$5.00.

**2915 CAJANUS**—Yellow. Exquisite and rare yellow bulbous Iris. In great demand and worthy. Spanish Iris. 3 for 25c. 6 for 45c. 12 for 75c. 100 for \$5.00.

**2920 DAVID TENIERS**—Light Blue. Lighter towards tips, golden yellow eye, creamy suffusion lower lips. Dutch. 3 for 25c. 6 for 45c. 12 for 75c. 100 for \$5.00.

**2940 HART NIBBRIG**—Rich Blue. Deep violet-blue standards, light blue throats, gold eyes. Dutch Iris. 3 for 25c. 6 for 45c. 12 for 75c. 100 for \$5.00.

**2947 IMPERATOR**—Violet and Blue. Filifolia type. Tallest, largest, richest color of all; week later. 3 for 25c. 6 for 45c. 12 for 75c. 100 for \$5.00.

**2908 BLANCHE FLEUR**—Tinted White. Extremely popular white Spanish Iris, tinged light blue. A beauty. 3 for 25c. 6 for 45c. 12 for 75c. 100 for \$5.00.

# HARDY GARDEN IRIS

## FLAG LILY OR FLEUR-DE-LIS—BEARDED IRIS GERMANICA

**Culture** Irises thrive best in a well-drained, sunny location though sun half the day will suffice. Fertilizer is only necessary in poor soils, bone meal being recommended. A little lime in acid soils is beneficial. Plant so the top of the rhizome or root is not more than half an inch beneath the surface. Plant any time of year, except while in bloom, that ground can be worked. Irises are our most satisfactory perennials.

Standards are the upper petals; Falls are the drooping petals. Heights given are only approximate. Numbers following variety names are their percentage ratings by the American Iris Society for exhibition perfection. Where two percentages are given, second is for garden perfection, both new ratings.

**CRIMSON KING**—Both Standards and Falls rich deep purple. Extra early, welcomed as first to bloom. 30 inches. 20c. 3 for 45c. 12 for \$1.25.

**DONNA MARIA**—(Edith Cook.) Standards azure blue; Falls indigo blue with white base, veined indigo. 25c each. 3 for 65c. 12 for \$2.00.

**HONORABLE**—Standards rich golden yellow; Falls rich mahogany. 20c each. 3 for 45c. 12 for \$1.25.

**KHEDIVE**—Standards light sky blue; Falls light violet blue. Old standard favorite. 20c each. 3 for 45c. 12 for \$1.25.

**LOHENGRIN**—82. Rich silvery lilac with delightful pink tone. Large, prolific. 30 inches. 25c. 3 for 65c. 12 for \$2.00.

**LORELEY**—79. Standards light yellow; Falls ultra-marine blue bordered cream. 24 inches. 25c. 3 for 65c. 12 for \$2.00.

**MME. CHEREAU**—74. Pure white with broad, striking clear blue borders. 32 in. 25c each. 3 for 65c. 12 for \$2.00.

**MME. PACQUITTE**—Bright rosy claret; early and handsome; sweet scented. 20c each. 3 for 45c. 12 for \$1.25.

**PALLIDA DALMATICA**—88. Clear lavender-blue; pale, silvery-blue at base. Superb. 40 inches. 25c. 3 for 70c. 12 for \$2.50.

**PALLIDA SPECIOSA**—S. violet; F. deep rosy purple. Large; very fine. 20c. 3 for 45c. 12 for \$1.25.

**PURPLE KING**—Or Purple Queen. Rich, royal purple. Similar to Kochi color. Early. 20c each. 3 for 45c. 12 for \$1.25.

**VIOLACEA GRANDIFLORA**—80. S. and F. clear violet blue. Largest planted variety. 36 in. 20c each. 3 for 45c. 12 for \$1.25.

**Other Varieties** The above varieties are all popular standard German or Garden Irises. Our complete list of about sixty of the finest varieties, including the new and rare sorts, will be found in our Nursery Annual, ready Oct. 1st. Please write for it if at all interested.

## HARDY GARDEN IRIS COLLECTION—\$1.95

One plant each of the above 12 popular Irises, each variety labeled, a grand display and large range of colors. \$2.65 value—all for \$1.95. (Our selection of six varieties for \$1.00.)

**GEKKA-NO-NAMI**—(Waves under Moonlight.) White. Earliest to bloom and very free-blooming. Color is glistening white with rich creamy-white stigmas. 35c each. 3 for \$1.00. 12 for \$3.50.

**MONIJI-NO-TAKI**—(Maple Waterfall.) Rosy Crimson. Double variegated, bright, rosy crimson beautifully feathered in white. Stigmas are white, crested purple. 35c each. 3 for \$1.00. 12 for \$3.50.

**KOKI-NO-IRO**—(Purple and Gold.) Violet-purple. Enormous double flowers often ten inches across. Rich violet-purple, white stigmas tipped violet; golden throat. 35c each. 3 for \$1.00. 12 for \$3.50.

**UCHIU**—(Universe.) Blue and Gold. Beautiful, 6-petaled flowers of largest size. Cerulean-blue with golden center and white halo and rays. Standards white, tipped blue. 35c each. 3 for \$1.00. 12 for \$3.50.

**MAHOGANY**—Mahogany Red. Large double flowers, late blooming. Velvet toned, deep, rich mahogany-red with the petal-like stigmas erect and artistically crested. 35c each. 3 for \$1.00. 12 for \$3.50.

**ISO-NO-NAMI**—(Shallow Waves.) Pink and Blue. Magnificent largest flowering; suffusion of rose and cerulean blue over white, gold flushed center of rosy lilac. 35c each. 3 for \$1.00. 12 for \$3.50.



The Exquisite and Stately Dutch-Spanish Iris From Bulbs



Tulip Borders, Including Clumps of Darwin, Breeder and the Pointed Tipped Cottage Varieties Make Gorgeous Displays

## HASTINGS' TULIPS

Hastings' Tulip Bulbs are the finest that come from Holland. From our trial grounds study and from observations of large plantings we have selected varieties for their exquisite beauty and general satisfaction. Anyone can do well with them.

Tulips even more than ever are the most popular fall-planted bulbs. Their gorgeous lawn displays in borders and beds cannot be equalled by any other flower. The rich, bright colors and lovely shades of bloom on strong, gigantic stems, many over 2 feet long, capture us all.

Some folks get confused about Darwin, Cottage, Breeder and Rembrandt Tulips. One can easily forget these type names. They all bloom about the same time, and do well planted together. Darwins are mostly self colors except no yellows. Breeders are mostly bronzy shades. Cottage come in yellows and many other colors, usually with pointed petal tips. Rembrandts are more or less striped in two or more colors. Select the colors you want and consider the approximate height for varieties planted in the same bed. The type matters little and many are hybrids anyway.

**Culture** Plant bulbs 5 inches deep and 5 or 6 inches apart each way outdoors. A half inch of sand beneath the bulbs gives good drainage for wet weather. For house culture or "forcing," plant as soon as you receive the bulbs from us. Keep cool (55 to 60 degrees is best), because the slower growth makes larger flowers and longer stems.

**Finest Tulips.** Plant Tulips by the hundreds this fall. Take advantage of our Collection Offers but also get a plenty of the individual varieties.

## SINGLE-EARLY FLOWERING TULIPS

Early Flowering Tulips, single and double, are 2 to 3 weeks earlier than other types, but not as tall. They are fine for low beds, pots, boxes and low borders; indoors or outdoors.

**2728 CHRYSOLORA**—Pure Yellow, 12 inches. Medium early. Large flower, fine bedder. 3 for 35c. 12 for \$1.10. \$7.50 per 100.

**2729 CRAMOISE BRILLIANT**—Brilliant Scarlet, 12 inches. Early. Long perfect flower. 3 for 20c. 12 for 60c. \$4.25 per 100.

**2731 DIANA**—Pure White, 11 inches. Early. Immense flower on a strong stem. 3 for 25c. 12 for 65c. \$4.65 per 100.

**2743 ROSE GRIS DE LIN**—Delicate Rose, 11 inches. Early. Flushed, most popular pink. 3 for 25c. 12 for 70c. \$4.85 per 100.

## DOUBLE-EARLY FLOWERING TULIPS

**2754 COURONNE D'OR**—Orange Yellow, 13 inches. Early. Stiff stems, large flower. 3 for 30c. 12 for \$1.00. \$6.65 per 100.

**2758 LUCRETIA**—Deep Pink, 14 inches. Medium. Artistic and beautiful flower. Forces. 3 for 25c. 12 for 70c. \$4.85 per 100.

**2767 RUBRA MAXIMA**—Crimson, 11 inches. Medium. Deep, brilliant vermilion crimson. 3 for 30c. 12 for 95c. \$6.45 per 100.

**2769 SCHOONOORD**—New White, 12 inches. Medium. Large full flower. Wonderful forcer. 3 for 25c. 12 for 80c. \$5.65 per 100.

## TULIP SPECIES—FANCY NOVELTIES

**2721 CLUSIANA**—Species. White, Pink Borders. 12 in. Exquisite, perfect cottage form, small white with margin bands of rich pink. Distinctive. 3 for 30c. 6 for 50c. 12 for 95c. 100 for \$6.25.

**2723 MONSIEUR MOTTET**—Bunch-Flowered. White. 12 in. Fancy novelty; 3 or more blooms on each stem and very pretty. Fine for cutting and attracts wide attention. 3 for 40c. 6 for 70c. 12 for \$1.25. 100 for \$8.50.

**2793 SIRENE**—Lily Flowered. Pink, 20 in. Very pretty and delicate rich pink with narrow long pointed petals. Most popular lily type, in large demand. 3 for 25c. 6 for 45c. 12 for 80c. 25 for \$1.50. 100 for \$5.65.

**2725 SUNDEW**—Newest Novelty, Fringed Tulip. Red, 26 in. Hastings' 1928 Introduction. Be among the first in America to have a fringed Tulip. Picture gives an idea how it looks. It's a fringed red Bartigon, Giant Darwin Tulip. 25c each. 3 for 70c. 6 for \$1.25. 12 for \$2.25. 100 for \$14.65.

## THE FANTASTIC PARROT TULIPS

**2715 ADMIRAL OF CONSTANTINOPLE**—Fiery Red. Flashed with gold stripes, green and maroon. 3 for 25c. 6 for 40c. 12 for 70c. 100 for \$4.65.

**2716 FANTASY**—Latest Novelty. Pink. Deeply lacinated, largest, most striking large extended flowers, green ribs. Beautifully fantastic. Finest Parrot Tulip. \$1.50 each. 3 for \$4.00. 6 for \$7.50. 12 for \$13.50. 25 for \$25.00.

**2717 MARKGRAAF**—Variegated Yellow. Very lacinated, largest, most striking colors of red, yellow, green. 3 for 25c. 6 for 40c. 12 for 70c. 100 for \$4.65.

**2718 PERFECTO**—Variegated. Largest golden yellow, red and green feathers; deeply lacinated. Showy. 3 for 25c. 6 for 40c. 12 for 70c. 100 for \$4.65.

## BIZARRE REMBRANDT TULIPS

**2701 APOLLO**—Rosy Lilac and white with deep carmine markings. 20 inches. 3 for 30c. 6 for 55c. 12 for \$1.00. 100 for \$6.85.

**2705 RED PRINCE**—Rose with fiery red flames shooting through petals. 20 in. 3 for 30c. 6 for 55c. 12 for \$1.00. 100 for \$6.85.

**2710 SALOME**—Carmine rose with striking white markings. Refined taste. 20 in. 3 for 30c. 6 for 55c. 12 for \$1.00. 100 for \$6.85.

**2713 THE BARON**—Red with big white stripes and dark carmine. 20 in. 3 for 30c. 6 for 55c. 12 for \$1.00. 100 for \$6.85.

**2714 THE PROFESSOR**—White, striped currant-red with striped carmine tips. 22 in. 3 for 30c. 6 for 55c. 12 for \$1.00. 100 for \$6.85.

**REMBRANDT TULIP COLLECTION**—One each of above 5 varieties—only 45c.



(2725) Sundew, Newest Tulip Novelty

# GIANT DARWIN TULIPS

Darwins are the perfect cup shaped Tulips with strong petals, tall stems and bright colors through shades of pink to red and purple. There are no yellow Darwins, so refer to Cottage Tulips on page 40, usually distinguished by their pointed petals, to give you full range of colors. Approximate length of stems are given for consideration in selecting varieties for beds and borders.

**2828 BARTIGON**—Brilliant Red, 26 in. Very showy, fine shapely flower on strong stem with white base fringed blue. The parent of our new introduction, the Fringed Tulip, Sundew on Page 37. 6 for 40c. 75c doz. \$5.25 per 100. \$42.50 per 1,000.

**2831 CENTENAIRE**—Deep Rose, 28 in. An exquisite rose-pink with large blue center and flushed claret. One of the finest, large, perfect flowers on perfect stems. Excellent for forcing, beds, cut flowers. 6 for 40c. 70c doz. \$5.00 per 100. \$41.00 per 1,000.

**2832 CLARA BUTT**—Apple Blossom Pink, 22 in. Clear pink, flushed salmon rose, with blue center and white halo. Medium sized flower of good form and probably planted more than any other variety for outdoor use and forcing indoors. Medium late. 6 for 35c. 60c doz. \$4.25 per 100. \$35.00 per 1,000.

**2838 EUROPE**—Dazzling Scarlet, 24 in. Richest fiery vermilion-scarlet, shaded rose; clear white center or base. Medium sized flower, a good forcer and splendid with its fiery color for beds. Medium early. 6 for 40c. 70c doz. \$5.00 per 100. \$41.00 per 1,000.

**2852 MADAME KRELAGE**—Bright Rose Pink, 28 in. Bright lilac-rose with pale silvery borders. Large flower and very popular Tulip for both forcing and bedding. Highly recommended. Medium early. 6 for 40c. 70c doz. \$4.85 per 100. \$39.50 per 1,000.

**2865 PRIDE OF HAARLEM**—Rose Carmine, 28 in. Rich color of deep old rose, appearing velvety red; with blue base. Enormous flower of stately habit, very popular for forcing and superb for outdoor planting. Extremely popular. Early. 6 for 40c. 70c doz. \$4.85 per 100. \$39.50 per 1,000.

**2866 PRINCESS ELIZABETH**—Rose, 28 in. Exceptional and beautiful, large, rounded cup-shaped flower. Very uniform; in great demand by florists and one of the finest for all purposes. 6 for 40c. 65c doz. \$4.65 per 100. \$38.00 per 1,000.

**2872 REV. EWBANK**—Heliotrope, 25 inches. Exquisite shade of soft heliotrope or silvery lavender-violet with silvery gray edges. Very popular medium-sized flower of rare coloring on fine stems. Medium early. 3 for 25c. 6 for 40c. 70c doz. \$5.00 per 100. \$41.00 per 1,000.

**2877 THE SULTAN**—Maroon, 24 in. Fine dark color, almost black. Very glossy flowers on straight slender stems. Needed for a wide range of colors and its distinguished appearance. Excellent growth, color and substance. 6 for 40c. 70c doz. \$4.85 per 100. \$39.50 per 1,000.

**2892 WHITE QUEEN**—White, 24 in. Also called La Candeur. On opening tinged pale rose, almost pure white when in full bloom. Very pretty coloring. Medium sized flower on strong stem; medium early. 3 for 25c. 6 for 40c. 75c doz. \$5.45 per 100. \$44.00 per 1,000.

## 50c Darwin Tulip Collection

As illustrated from photographs on the rear cover page. One bulb each of the above ten splendid varieties of Giant Darwin Tulips, giving you a beautiful range of color in these, the most colorful and most stately flowers of spring blooming. A real bargain you won't find elsewhere. 10 Bulbs, 10 Varieties, unlabeled, only 50c. 5 Bulbs each of these "Big 10" Giant Darwins (50 bulbs), separately labeled, for \$2.35. 25 Bulbs each of these 10 varieties (250 bulbs), only \$10.00. 100 Bulbs each of these 10 gorgeous Darwin Tulips (1,000 bulbs), for \$38.50.

**2834 EDMEE**—Pink, 22 in. Medium sized flower in perfect taste. Excellent substance, growth and color; a deep rose-pink, flesh pink edges, rich pink inside. Refined and more beautiful than even Princess Elizabeth. Very graceful and pretty. Exquisite form. 3 for 25c. 6 for 40c. 75c doz. \$5.45 per 100. \$44.00 per 1,000.

**2841 FARNCOMBE SANDERS**—Bright Scarlet, 30 in. Brilliant rosy red or scarlet with a clear white center. Very large flower of perfect shape that has become famous as a bedding variety and it is also fine for forcing. It is in very great demand. Medium early. 3 for 25c. 6 for 40c. 70c doz. \$4.85 per 100. \$39.50 per 1,000.

**2844 GLOW**—Glowing Crimson, 24 in. Dazzling vermilion; white and blue center. Good-sized flower, good forcer, excellent cut-flower, and unrivaled for massing in borders or shrubs. Medium late. 3 for 25c. 6 for 40c. 75c doz. \$5.25 per 100. \$42.50 per 1,000.

**2849 KING HAROLD**—Dark Red, 24 in. Extra large, very rich deep red with violet shadowing outside. Heavy growth; square flowers. Called a rich Pride of Haarlem, certainly an immense rich colored Tulip for a gorgeous display in beds, borders or for cutting. Hard to beat. 3 for 25c. 6 for 40c. 75c doz. \$5.45 per 100. \$44.00 per 1,000.

**2850 LOVELINESS**—Pink, 24 in. Soft carmine-rose, edged blush pink, very warm and brilliant color and a very lovely Tulip of medium size. It is a splendid forcer and sure to be pleasing as well as pretty outdoors and in pots. 3 for 25c. 6 for 40c. 70c doz. \$4.85 per 100. \$39.50 per 1,000.

**2853 MASSACHUSETTS**—Vivid Pink, 26 in. Fine lavender-pink, much deeper shade towards middles of petals and lighter towards tips and light pink edges. Large flower of splendid cup-form and a delightful color. Excellent growth and substance, very dependable for all purposes. 3 for 25c. 6 for 40c. 75c doz. \$5.25 per 100. \$42.50 per 1,000.

**2854 MELLICETTE**—Deep Lavender, 24 in. Beautiful rich lavender, very pretty form, graceful and in perfect taste. Fine foliage, medium early, good size flower, wide rounded petals. One of the finest Tulips yet and of exquisite color, now coming so popular. 3 for 30c. 6 for 50c. 90c doz. \$6.25 per 100. \$50.00 per 1,000.

**2862 PAINTED LADY**—Creamy White, 26 in. Faintly flushed with soft heliotrope but almost pure white. Fair-sized flower with purplish stems. A very good forcing and outdoor variety. Really beautiful and needed in every assorted planting. Medium late. 3 for 25c. 6 for 40c. 75c doz. \$5.25 per 100. \$42.50 per 1,000.

**2863 PETRUS HONDIUS**—Deep Rose, 23 inches. Very rich, attractive, large flower; excellent growth and substance. One of the really outstanding finer Darwins and truly a wonderful colors. 3 for 25c. 6 for 45c. 80c doz. \$5.65 per 100. \$45.50 per 1,000.

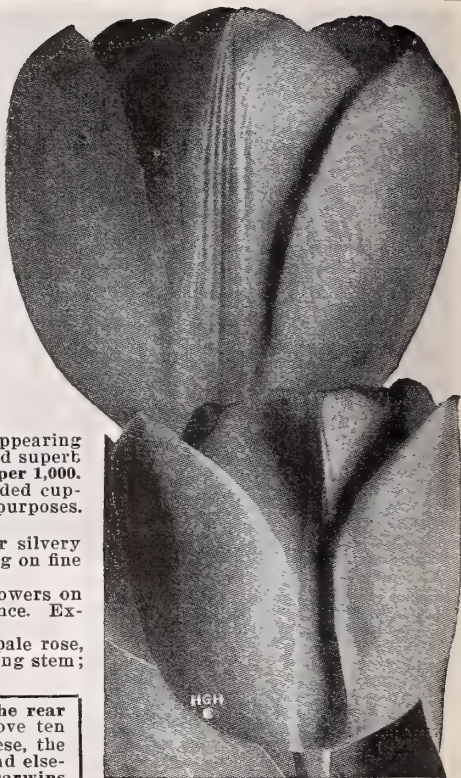
**2867 PROF. RAUWENHOFF**—Bright Red, 25 in. Enormous size, richest deep rose inside. Petal edges slightly waved. Exceptional, richest color, and one of the finest varieties in our whole list. You will surely be proud of this in your garden or in the flower shows. 3 for 25c. 6 for 40c. 70c doz. \$4.85 per 100. \$39.50 per 1,000.

## \$1.00 SPECIAL DARWIN TULIP COLLECTION

The greatest value in Tulips of which we know. Just think of all these beautiful named varieties described on this whole page. 20 of the most beautiful Darwins in cultivation. 20 Bulbs, 20 Varieties, Only \$1.00. 5 Bulbs each of the superb 20 Giant Darwins (100 bulbs) for \$4.75. 25 Bulbs Each of these 20 gorgeous Giant Darwin Tulips (500 bulbs), for only \$21.50. 100 Bulbs Each of these 20 kinds (2,000 bulbs), for \$79.50. Just try to imagine as gorgeous a display as this in any planting, regardless of price or kind of flower.

## TULIPS—THE CHEAPEST FLOWER DISPLAYS

NOTICE—Order early while stocks are full on all varieties. Crops were very short in Holland.



Pride of Haarlem-Clara Butt



(2841), (2849), (2854)—Darwin Tulips



Well Designed and Pleasing Display of Darwin, Breeder and Cottage Tulips in Border Clumps—Plant Quantities of Tulips.

## NEW AND POPULAR DARWIN TULIPS

Varieties below are outstanding beauties. Remember, these are the finest bulbs of the finest Tulips in all the world. Plant a plenty because the gorgeous displays of Tulips and especially Darwins always show up to greatest advantage when planted in quantity. Displays are generally made with at least 25 or 50 of each variety planted together. You may use the 100 price rate for 25 or more of a kind.

**2826 APHRODITE**—Rose Pink, 30 inches. Beautiful rich, waxy, rose pink; darker and far richer than Clara Butt. Finest slender stems; excellent substance. Finest of its color. 25c each. 3 for 60c. 6 for \$1.05. \$1.95 doz. \$12.65 per 100.

**2829 BLUE AIMABLE**—Blue Lavender, 26 in. Exquisite soft bluish lilac, shaded steel blue, with white center starred blue. Very large flower of distinct shape. Beautiful rare coloring. Medium late. 3 for 30c. 6 for 55c. \$1.00 doz. \$6.85 per 100.

**2833 ECLIPSE**—Deep Red, 26 in. Extra large, rich, velvety, deep red. Excellent growth and substance. Outstanding display for garden or cutting. Grow it for the flower show. Beats Pride of Haarlem. 25c each. 3 for 65c. 6 for \$1.10. \$2.10 doz. \$13.65 per 100.

**2842 FEU BRILLIANT**—Fiery Red, 30 in. Large, deep, rich, brilliant orange-red. Heavy growth, excellent substance; gorgeous, brilliant display beds. 3 for 30c. 6 for 50c. 95c doz. \$6.45 per 100.

**2846 JUBILEE**—Purple, 30 in. Richest royal purple self color; wide blooms, excellent growth. Very high rating, exceptional color. Outstanding. 3 for 50c. 6 for 85c. \$1.50 doz. \$10.00 per 100.

**2848 LA TULIPE NOIR**—Dark Purple, 26 in. The darkest Tulip, almost black appearance; also best dark Darwin. 3 for 30c. 6 for 55c. \$1.00 doz. \$6.85 per 100.

**2851 LOUISE DE LA VALLIERE**—Clear Rose, 27 in. Large self rose; richest and deepest rose of clear, beautiful color. Excellent. New. 20c. 3 for 55c. 6 for 95c. \$1.80 doz. \$11.65 per 100.

**2875 SIR TREVOR LAWRENCE**—Royal Purple, 26 in. Beautiful violet purple, lighter at edges and tips. Square shape; excellent Darwin. 3 for 35c. 6 for 65c. \$1.15 doz. \$7.65 per 100.

**2886 VALENTINE**—Light Violet, 28 in. With purple cast and electric blue-white base. Large, bold flower. Beauty. 3 for 30c. 6 for 55c. \$1.05 doz. \$7.25 per 100.

**2888 VERSAILLES**—Dark Violet, 24 in. Large to extra large dark violet, rounded tips. Excellent growth and substance. Superb new Darwin of the new popular violet color. 3 for 25c. 6 for 45c. 85c doz. \$5.85 per 100.

### Hastings' New Nursery Annual

The beautiful new 1930-1931, fall and winter, catalog of Hardy Nursery Plants and Bulbs will be ready about Oct. 1st. It will surely give you some interesting and very valuable "home beautiful" suggestions. Ask for it on your order or on a postcard.

## GIANT BREEDER TULIP COLLECTION

The aristocratic Breeder Tulips in their beautiful blends of richest colorings have rapidly come into great popularity. This class as a whole is even larger than the Giant Darwins. They add distinction to the Darwin and Cottage Tulips, are borne on long stems and bloom at the same time, so are planted with them, especially in borders and clumps, where all Tulips are shown at their best.

**2803 BRONZE QUEEN**—Buff-Bronze, 28 inches. Soft buff, inside tinged golden bronze, yellow base. General appearance is purplish fawn, a large, strong flower of fine form on stout stem. Fine outdoors and a superb forcer indoors. See picture. 3 for 25c. 6 for 40c. 70c doz. \$4.85 per 100. \$39.50 per 1,000.

**2805 CARDINAL MANNING**—Wine Red, 30 inches. A beautiful shade of rosy violet, flushed rosy bronze. Large egg-shaped flower on a tall stem and highly recommended. This is one of the most popular varieties and well deserves its demand. 3 for 25c. 6 for 45c. 80c doz. \$5.65 per 100. \$45.50 per 1,000.

**2812 KLOPSTOCK**—Silvery Deep Lavender, 26 inches. With dark heliotrope stripe; margined purplish lilac, large yellowish base and intense blue halo. Large long shaped flower of a very beautiful color. A very handsome Tulip outdoors and also forces well. 3 for 30c. 6 for 55c. \$1.05 doz. \$7.25 per 100. \$57.50 per 1,000.

**2814 LOUIS XIV**—Dark Purple, 32 inches. Flushed bronze with broad margin of golden brown. Very large globular flower with green-black base, starred yellow. A flower of stately bearing and regarded by some as the most wonderful Tulip in existence. Forces well. 3 for 35c. 6 for 60c. \$1.15 doz. \$8.00 per 100. \$63.50 per 1,000.

**2816 MEDEA**—Crushed Strawberry, 24 inches. An enormous flower, one of the largest in cultivation; salmon carmine in color, shaded with heliotrope and with a yellow center. This purple-magenta coloring and huge square flower give a majestic appearance. 3 for 25c. 6 for 45c. 80c doz. \$5.65 per 100. \$45.50 per 1,000.

**2823 YELLOW PERFECTION**—Old Gold, 27 inches. Fine cupped flower of very rich old gold coloring. Excellent for beds, borders and cut flowers. One of the most pleasing and outstanding of all Tulips. Straight, strong stems. heavy growth, early bloomer. 3 for 25c. 6 for 45c. 85c doz. \$6.00 per 100. \$48.50 per 1,000.

### 45c Breeder Tulip Collection

Breeders are the Aristocrats of the Tulip family. No garden collection is complete without Breeders and they are usually larger than Darwins in flower. You surely want them. We make this, a collection offer. One Bulb each of the above 6 exceptional Breeder Tulips for only 45c. 5 Bulbs Each of these 6 varieties for \$1.95. 25 Bulbs Each of these 6 outstanding Breeder Tulips (150 bulbs), only \$9.00. 100 Bulbs Each of these 6 varieties (600 bulbs), for \$31.50.

(See Next Page for other new and popular Giant Breeders.)



(2803) Bronze Queen—Aristocratic Breeder

## MORE FINE BREEDER TULIPS

Real Giant Tulips, similar to Darwins except come in more blended colors, especially the rich bronzy shades that add distinction to the garden. Planted with Darwin and Cottage Tulips in border clumps, they give variety, soften the harsh colors and blend the whole. These aristocrats of the Tulip family, with their immense blooms on strong, stiff stems, frequently exceeding 40 inches, have become the most sought after of all the Tulips. They may also be flowered in deep pots in early March by gentle forcing with moderate temperature in full light.

**2801 ADELINA PATTI**—Violet, 24 in. Very rich purple or wine cast, exquisite deep color. Pointed petals; excellent growth. 3 for 35c. 6 for 65c. \$1.15 doz. \$7.65 per 100.

**2806 COLONEL ASTER**—Light Purple, 28 in. Large, stately, globular flower with blue cast inside. Slightly flushed; very fine. 3 for 30c. 6 for 55c. 12 for \$1.05. 100 for \$7.25.

**2807 DOM PEDRO**—Coffee Brown, 24 in. Edge of golden brown; inside rich mahogany, olive base. Large fragrant flower. 3 for 40c. 6 for 70c. \$1.30 doz. \$8.75 per 100.

**2817 PRINCE OF ORANGE**—Apricot, 24 in. Called Sunset. Large, showy terra cotta, edged orange yellow, suffused gold inside. 3 for 30c. 6 for 55c. \$1.05 doz. \$7.25 per 100.

**2818 PRINCE OF WALES**—Bronze, 26 in. Rich bronzy maroon, golden tinge at tips inside. Large flower, heavy growth. 40c. 3 for \$1.00. 6 for \$1.75. \$3.25 doz. \$22.50 per 100.

**2821 SABRINA**—Brown Mahogany, 23 in. Large, rich brown mahogany or brown maroon; excellent growth and substance. 3 for 30c. 6 for 50c. 95c doz. \$6.45 per 100.

**2822 ST. JAMES**—Wine, 22 in. Dark lilac, edged bronze brown to golden brown. Large, globular flower. 1927 show winner. 3 for 25c. 6 for 45c. 85c doz. \$6.00 per 100.

**Remember!** Every Tulip Bulb from Hastings' is "Top-Size," the largest, selected, finest that each of these varieties produces. They bloom Best! Take full advantage of our Special Collection Offers!

## EXQUISITE COTTAGE TULIPS

Giants in size and mature at the same time as Darwins and Breeders. Indispensable because only type containing yellow varieties. Usually distinguished from others by their exquisitely formed, graceful blooms with fine, pointed petal tips, many reflexed when fully open. Our choice of the most beautiful of all Tulips are Dido and Walter T. Ware Cottage Tulips.

**2775 AVIS KENNICOTT**—Light Golden Yellow, 20 in. Self color with rich sheen inside. Long graceful flowers; very rich color. 20c each. 3 for 45c. 6 for 80c. \$1.50 doz. \$10.15 per 100.

**2776 BOUTON D'OR**—Golden Yellow, 20 in. Fine, cup-shaped, medium sized flowers of good substance; fine for cutting. 3 for 25c. 6 for 40c. 70c doz. \$4.85 per 100.

**2780 DIDO**—Rose, 26 in. Considered finest Tulip ever created. Simply exquisite apricot-rose color blend. Large, long flower, rich and beautiful. 40c each. 3 for \$1.00. \$3.25 doz. \$22.50 per 100.

**2781 ELLEN WILLMOT**—Canary Yellow, 21 in. Medium large, rich waxy yellow. Fine growth, slender stems, pointed petals; perfumed. 3 for 30c. 6 for 50c. 90c doz. \$6.00 per 100.

**2787 MOONLIGHT**—Light Yellow, 22 in. Distinct, elongated, large flower of a dreamy, pale sulphur yellow. In large demand. 3 for 25c. 6 for 45c. 80c doz. \$5.45 per 100.

**2790 MRS. MOON**—Sulphur Yellow, 24 in. Deep, rich, golden sulphur; reflexed pointed petals; highly recommended. Beautiful. 3 for 30c. 6 for 55c. \$1.05 doz. \$7.25 per 100.

**2786 ORANGE KING**—Blood Orange, 18 in. Extra large, flame color edged gold. Rich, very brilliant display. Darwin shaped Cottage. 3 for 25c. 6 for 40c. 70c doz. \$4.85 per 100.

**2797 WALTER T. WARE**—Cadmium Yellow, 28 in. The richest color seen in flowers. Pure self color. With Dido, finest Tulips grown. 20c. 3 for 50c. 6 for 90c. \$1.60 doz. \$10.65 per 100.

## COTTAGE TULIP COLLECTION

Cottage and Cottage-Hybrid Tulips, like the Darwins and Breeders, are so-called "Mayflowering" although they generally bloom in April in the South. The Hybrids are results from crossing the Cottage with Darwins for size and a wider range of colors. There are no yellow Darwin Tulips so we look to the Cottage class for yellows, primrose, gold and splendid white sorts and the Hybrids for blends and intermediate colors. These beautiful Tulips are extensively used for bedding and in borders with the Darwins and Breeders. In this Collection we have tried to include the finest varieties and also most popular. Above are listed other most outstanding varieties, regardless of price.

**2777 CALEDONIA**—Orange Scarlet, 22 inches. Waxy shading outside and richest flaming scarlet inside, with gold and olive center. Strong, erect, slender stems and looks like a Darwin with rounded petal tips but with Cottage grace. 6 for 35c. 65c doz. \$4.45 per 100. \$36.50 per 1,000.

**2783 INGLESOMBE PINK**—Apricot Pink, 23 inches. Opens apricot, shaded rose pink. On fully opening changes to a beautiful deep lavender-pink or rose color. One of the finest Cottage Tulips; long, large flowers and fine stems. 6 for 35c. 65c doz. \$4.45 per 100. \$36.50 per 1,000.

**2782 INGLESOMBE YELLOW**—Canary Yellow, 23 inches. Glossy color and large, long globular flower of perfect form on a strong stem. Good forcer and fine outdoors. It is called Yellow Darwin because of shape without pointed petals. Most popular Cottage Tulip. See picture to left. 6 for 35c. 65c doz. \$4.45 per 100. \$36.50 per 1,000.

**2784 JOHN RUSKIN**—Apricot, 20 inches. Large to extra large, richest apricot with striking deep lavender-rose shading towards midribs. This is one of the greatest varieties of all; immense flowers of the richest orange-apricot. 3 for 25c. 6 for 40c. 70c doz. \$5.00 per 100. \$41.00 per 1,000.

**2785 LA MERVEILLE**—Salmon Red, 26 inches. Extra large; very striking; very long pointed petals of richest display color. Slender, strong stems; excellent for all purposes. Scarlet suffused salmon, giant lily flowering Cottage Tulip. Extra fine. 3 for 25c. 6 for 40c. 70c doz. \$5.00 per 100. \$41.00 per 1,000.

**2788 PARISIAN YELLOW**—Golden Yellow. A clear golden yellow with the characteristic pointed petal tips of the Cottage Tulip. Has a charming grace and rich, clear yellow that is so sought after in Tulips. Good for forcing or for bedding. 3 for 25c. 6 for 40c. 75c doz. \$5.25 per 100. \$42.50 per 1,000.

**2789 PICOTEE-MAIDENS BLUSH**—White Bordered Rose, 24 inches. See picture to left. White margined deep rose, the color suffusing the whole flower on ageing; recurving petals. One of the most popular for the border and cutting; beautiful in beds. 3 for 25c. 6 for 40c. 70c doz. \$4.85 per 100. \$39.50 per 1,000.

### 40c Cottage Tulip Collection

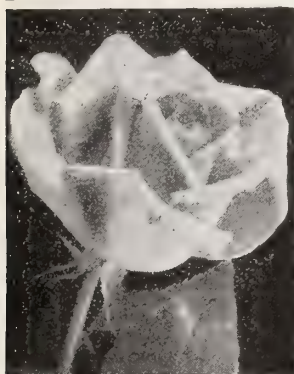
Cottage Tulips are the graceful and charming group of the Tulip family. The above 7 popular varieties are good, standard, strong blooming varieties that are sure to make you happy. We make this exceptional bargain offer—one bulb of each of these 7 beautiful Cottage Tulips for 40c. 5 Bulbs Each of these 7 splendid varieties of Cottage Tulips for \$1.75. 25 Bulbs of Each (175 bulbs), for only \$7.95. 100 Bulbs Each for a glorious display (700), for just \$28.50.



(2801) Adelina Patti—Violet Breeder Tulip



Inglescombe Yellow, Picotee, Cottage Tulips



Madame Butterfly—Pink



His Majesty—Am. Beauty Crimson



Duchess of Luxemburg—Orange



Radiance—Pink, Red, Flesh

## HASTINGS'

## HARDY EVERBLOOMING ROSES

75c Each — 3 for \$1.85 — 10 for \$5.65 — 25 for \$12.90 — 100 for \$49

Hastings' hardy two-year outdoor grown Roses are noted for fineness of fragrance, form and color wherever the "Queen of Flowers" can be grown. These plants have been blooming profusely all summer on Hastings' Plantation, where over one hundred thousand everblooming and climbers are grown. Supplies of some varieties are limited and we therefore urge early orders. Shipment is usually by November 15. Be sure and write for the 1930 Nursery Annual, containing complete descriptions of all the new show winning sensations.

### PINK HARDY GARDEN ROSES

**MRS. CHARLES BELL**—HT. Shell Pink. Lovely buds and blooms of fine globular form; soft salmon shadings. Exactly like its parent, Radiance, except finer, softer color. 75c.

**RADIANCE**—HT. Rose Pink. Brilliant buds; well formed, globular, very fragrant flowers. Splendid growth and wonderful bloomer. Easiest growing, most reliable pink HT Rose. No serious faults. 75c.

**MAMAN COCHET**—T. Carmine Pink. Creamy buff at center. Very large, double blooms of fine form and excellent growth; disease free and very prolific bloomer. 75c.

**COLUMBIA**—HT. Bright Pink. Lively color, sweetly scented; exquisite shape and strong, stiff petals. Free-flowering, good growth, healthy foliage. Likes part shade, feed and water. 75c.

**KILLARNEY**—HT. Bright Pink. Long pointed buds, opening to flat, bright, sparkling pink blooms with enormous petals. Free-flowering, vigorous grower. A popular favorite. 75c.

**MME. BUTTERFLY**—HT. Light Pink. Tinted gold at petal bases; of exquisite shape and fragrance. Brighter color and better bloomer than its parent, Ophelia. Good growth. 75c.

**JONKHEER J. L. MOCK**—HT. Carmine Pink. Gigantic buds and flowers; strong, healthy plant. Noted for its great size, doubleness and strong coloring. A shy summer bloomer. 75c.

**PAUL NEYRON**—HP. Dark Lilac-Rose. Immense size, fair form, very double and fragrant. Quite vigorous, strong, rather smooth canes; free-bloomer. Largest of all; very tall. 75c.

**GEORGE ARENDS**—HP. Soft Pink. Long, delicately shaped buds, deep-petaled, pointed blooms; scented. Very vigorous; tall; fine foliage. Finest pure unshaded pink Rose. 75c.

### WHITE HARDY GARDEN ROSES

**FRAU KARL DRUSCHKI**—HP. White American Beauty. Magnificent snow-white, deep, firm petals; absolutely perfect shape; no fragrance. Best white Rose in existence; tall, free bloomer. 75c.

**K. AUGUSTE VIKTORIA**—HT. Creamy White. Perfect buds and flowers, lemon tint at center; fragrant, hardy and rather vigorous. Extremely lovely and the indispensable white. 75c.

**WHITE MAMAN COCHET**—T. White. Often pink flush on outer petals. Fully double, very large, perfect, very free-bloomer. Disease resistant, vigorous, spreading growth. 75c.

**WHITE KILLARNEY**—HT. Pure White. Long-pointed buds opening enormous petals. Vigorous grower and very free-flowering. Identical with Killarney except in color. 75c.



Maman Cochet—Pink, White



K. Auguste Viktoria—White



Killarney—Pink, White



Sunburst—Golden Yellow

### RED HARDY GARDEN ROSES

**ETOILE DE FRANCE**—HT. Bright Crimson. Vivid color, full, rounded centers of cerise; fragrant and long lasting. Strong, stiff stems; free-blooming; good foliage. The standard red. 75c.

**EUGENE E. MARLITT**—Bourbon. Rich Carmine. Scarlet tones for brightness and doesn't fade in color during hottest sun. Very double flowers; continuous bloomer; very hardy and vigorous. 75c.

**FRANCIS SCOTT KEY**—HT. Light Crimson. Very large buds of noblest form; extremely double (95 petals); slightly fragrant. Hardy, erect, good foliage; free bloomer. Best in cool weather. 75c.

**GEN. JACQUEMINOT**—HP. Clear Red. Scarlet-crimson buds. Fine shape; deeply fragrant; plant strong, tall and bushy; normal foliage. Lovely color and fragrance. 75c.

**HIS MAJESTY**—HT. Deep Crimson. The Red or Crimson American Beauty. Deep, dark crimson, shaded deeper towards the edges. Enormous, perfect flowers on strong, tall plants. Majestic. 75c.

**RED RADIANCE**—HT. Rose-Red. Big, globular flowers on strong canes, which are freely produced until frost; excellent foliage. The most popular Rose in America. 75c.

**NATIONAL EMBLEM**—HT. Crimson. Beautiful dark crimson shading to vermillion toward the edges, quite full. Fragrant buds, long pointed, perfect in shape and form. Extra good growth, foliage glossy and not affected by mildew. 75c.

### YELLOW HARDY GARDEN ROSES

**ALEX. HILL GRAY**—T. Lemon. Pale lemon yellow, deeper in center of perfectly formed fragrant flowers. Moderate growth and bloom; one of the most beautiful Roses. 75c.

**DUCHESS OF LUXEMBURG**—HT. Rich Yellow. Orange centered, fragrant, exquisitely shaped. Beautiful for cut-flowers. Similar to Sunburst but stronger grower. 75c.

**LADY HILLINGDON**—T. Saffron Yellow. Slender, pointed buds and elegantly cupped flowers of deep yellow, paling at edges; fragrant. Erect, with perfect foliage. Simply exquisite; the writer's favorite. 75c.

**SUNBURST**—HT. Orange. Beautiful orange buds and orange centered yellow flowers; fragrant and of splendid shape. Spreading growth; not very vigorous at first but a beauty. 75c.



Climbing American Beauty—Rich Carmine Rose—75c

# HASTINGS' HARDY CLIMBING ROSES

**NURSERY GROWN PLANTS**—Little pruning is needed except to cut out dead or very old wood each year. Set plants 6 feet apart. They are very easy to grow.

**CLIMBING AMERICAN BEAUTY**—HW. Brilliant Carmine. 3 to 4 inch fragrant flowers of fine form produced in abundance. Early and very beautiful, especially in a cool season. Color fades in hot sun. Vigorous when established. 75c each. 3 for \$1.85. 10 for \$5.65. 25 for \$12.90.

**DR. W. VAN FLEET**—HW. Pink. Undoubtedly the best of all climbing roses. Ranked first by the American Rose Society. Perfectly formed, long pointed, pink buds borne on long stems for cutting. Plant makes large thorny canes and produces thousands of flowers. Midseason flowering 3 weeks or more. 75c. 3 for \$1.85. 10 for \$5.65. 25 for \$12.90.

**PAUL'S SCARLET CLIMBER**—HW. Red. Intense scarlet flowers of fine shape; brightest and purest red climber. Midseason, excellent pillar rose, blooms in clusters and lasts several weeks. Easily the best red climber and doesn't blue or black; holds its color. 75c. 3 for \$1.85. 10 for \$5.65. 25 for \$12.90.

**SILVER MOON**—HW. White. Long creamy buds, nearly single, gigantic flowers borne in small sprays. Extra vigor, growing 15 to 20 feet in one season; perfect foliage. Midseason, beautiful Rose of purest color, largest size and attractive shape. Ranked second by The American Rose Society. 75c. 3 for \$1.85. 10 for \$5.65. 25 for \$12.90.

**AMERICAN PILLAR**—HW. Crimson-Pink. Brilliant crimson-pink, large white centers, golden yellow stamens. Blooms in clusters of large single flowers. 75c. 3 for \$1.85. 10 for \$5.65. 25 for \$12.90.

**EMILY GRAY**—HW. Golden-buff. Large, semi-double, slightly fragrant; borne singly or in small clusters; holly-like leaves. Ideal yellow climber or pillar rose. 75c each. 3 for \$1.85. 10 for \$5.65. 25 for \$12.90.

**MARY LOVETT**—HW. Waxy White. Called White Dr. Van Fleet. Large, handsome broad petaled, scented flowers borne singly and in sprays on strong plant; heavy, glossy foliage. 75c each. 3 for \$1.85. 10 for \$5.65. 25 for \$12.90.

**MARY WALLACE**—HW. Vivid Pink. New, large, double, perfect, fragrant, bright pink illumined with shining gold. Vigorous pillar rose. 75c each. 3 for \$1.85. 10 for \$5.65. 25 for \$12.90.

## Hastings' Popular Rose Collections

### Hastings' Select Dozen Roses—\$5.95

3 RED, 3 WHITE, 3 PINK, 3 YELLOW—THE BEST

Everblooming, finest Nursery-grown, full 2-year-old, well rooted and branched plants. The making of a wonderful Rose Garden. REDS—Red Radiance. Francis Scott Key and National Emblem. YELLOWS—Lady Hillingdon, Lady Margaret Stewart and Sunburst. WHITES—Edel, K. Auguste Viktoria and White Killarney. PINK—Radiance, Mrs. Charles Bell and Briarcliff. Try to beat those at any price. Postpaid for \$5.95. Order several of these collections.

### The 3 Radiance Roses—\$1.65

Radiance Roses are the most popular Roses in America. Radiance, pink; Red Radiance, red, and Mrs. Chas. Bell, shell pink are the 3 best Roses of their colors today. This Special Offer is to give you one each of the 3 world's best for only \$1.65. Order several of these.

### The 3 Perpetual Roses—\$1.75

The famous Paul Neyron, pink, largest of all Roses, Frau Karl Druschki or White American Beauty, most exquisite and perfect of all Roses, and Gen. Jacqueminot, scarlet-crimson—all hybrid-perpetual Roses, very free-blooming, strong growers—for \$1.75. 3 each of these 3 Roses for \$5.00.

### Best 4 Climbing Roses—\$1.85

Nothing takes the place of our wonderful Climbing Roses around Southern Homes on trellises, fences and porches. The beautiful Climbing American Beauty, Paul's Scarlet Climber, Silver Moon and Dr. Van Fleet—rose, scarlet-red, white and pink in colors—the finest quartet of climbing Roses you can find. Order several of these genuine bargain collections, postpaid at just \$1.85. (Value, \$3.00.)



Paul's Scarlet Climber—75c



Dr. Van Fleet, Flesh Pink—75c.



(500) Alfalfa or Lucerne Clover—Most Valuable Clover Known

# 500 ALFALFA

Alfalfa or Lucerne Clover is the most talked of and most widely planted of all clover varieties in the world.

Alfalfa in the South will produce 5 to 7 tons of hay to the acre each year and in true value is worth 45% more than other clovers and 60% more than Timothy hay. It will grow 4 or 5 crops a year and it does not exhaust the soil; it enriches the soil. Its long branching roots penetrate far down, 15 to 20 feet, and so loosen the subsoil that it is a gigantic subsoiler, resists drought, and gets plant food where other crops would be a failure. When the plants are destroyed in order to raise other crops on Alfalfa land, the large roots decay and produce a vast source of fertility to be used by following crops.

Fall sowing is preferable although fine results can be obtained from early spring sowing. Get it thoroughly established by first preparing your land, applying plenty of lime, and before seeding you should inoculate the seed. If your land has never had Alfalfa growing on it before, be sure to inoculate the seed with nitrogen-gathering bacteria for Alfalfa which are necessary. See Stimugerm, Page 47. It is adapted to almost the entire South. Do not sow on wet ground, high and rather dry being preferable, and only cut when coming into bloom.

Do not buy cheap Alfalfa seed. If it's cheap, it is not pure Alfalfa. Weeds are very troublesome to Alfalfa, crowding it out and ruining the quality of your hay, so be sure to get the highest grade seed and no other kind. This is absolutely essential to success. Sow in thoroughly prepared soil, broadcast or in drills, at the rate of 20 pounds per acre.

We sell only the highest grade seed, 99% purity or more. American grown seed, the strongest on the market. Postpaid—50c per Lb. Not Prepaid—10 Lb. lots, about 28c per Lb. 100 Lbs. or over, about 26c per Lb. Write for best prices.

**503 BUR CLOVER** Builder of Land and Animals. It's a builder from start to finish, adding nitrogen to the soil for succeeding crops, adding vegetable matter, holding plant food from washing away in winter rains, and building up your live stock every day it is grazed.

It is an annual legume, coming from seed each year, furnishes some grazing during the winter, and if grazing is stopped late in March it will make a good hay crop in May. However, most prefer to let it go to seed, thus reseeding the ground for another winter's grazing. In the meantime summer crops can be easily grown on the same ground. The seed matures in time for the land to be plowed by June first. Its growth is strong, even on poor ground. On soils too poor for rye to get high enough to cut, Bur Clover made a growth of 2½ to 3 feet high.

Southern Bur Clover seed is produced in small coiled pods and is sold "in the bur." Sow at the rate of 50 to 80 pounds per acre before September if possible. Early planting gives better stands. It is fine for sowing in Bermuda Grass sod. Lb., 45c. 5 Lbs., \$1.80. Not Prepaid—10 Lb. lots, about 18c per Lb. 100 Lbs. or over, about 15c per Lb. Write for special quantity prices.

**501 Alsike Clover** Also called Swedish Clover. Best clover for wet lands. Similar to Red Clover but more slender stems and smaller leaves; blossoms white shading pink. Does fine with grasses and with Red Clover for hay or pasture. Grows well in Northern Cotton Belt. Lb., 50c. Not Prepaid—10 Lb. lots, about 30c per Lb. 100 Lbs. or over, about 27c per Lb. Write for prices.

**507 Sweet Clover or Melilotus** Also known as Bokhara Clover. As a land-builder it has few equals. Experience on the Hastings' Plantation leads us to seed down our poorer land with it for soil building. It is a coarse clover resembling Alfalfa; in fact, has been called "Alfalfa's twin sister," and using the same kind of inoculation is very valuable in preparing land for Alfalfa. It is fine for raising bees and to build up your poor land. Sow about 12 pounds to the acre in August to October for fall planting. This is the true white flowered, not yellow flowered, Sweet Clover. Hulled or cleaned seed. Lb., 35c. Not Prepaid—10 Lb. lots, about 14c per Lb. 100 Lbs. or over, about 12c per Lb. Write for quantity prices.

**509 White Clover** This clover does well in the Central South. Most all permanent lawn and pasture mixtures should also have some White Clover. By itself it makes good grazing for cattle and sheep. It is perennial with rather uncertain habits of growth, sometimes covering the ground with a thick mat of vigorous plants and sometimes lies comparatively dormant, so it should be seeded into sod or mixed with other clovers or grasses. It succeeds best on moist ground or during a wet season. If sown by itself use 10 pounds per acre, or half that amount in a mixture. Highest grade seed. Lb., 65c. 5 Lbs., \$2.60. Not Prepaid—10 Lbs. about 45c per Lb. 100 Lbs. or over, about 40c per Lb. Write for quantity prices.

## 508 American Grown Red Clover

A valuable farm crop in the northern part of the Cotton Belt. Equally good for pasture, hay or soil improvement. Even the first crop makes rich feed and is most valuable for hay. Red Clover is a nitrogen-gathering plant and one of the best soil improvers. Clover is one of the farmers' best friends, used in the regular rotation. Sow in the fall or spring, September and March being best. American grown seed. Lb., 50c. Not Prepaid—10 Lb. lots, about 28c per Lb. 100 Lbs. or over, about 26c per Lb. Write for quantity prices. NOTICE! A great amount of foreign grown Red Clover is on the American market, that from Italy being worthless. Even northern European Red Clover is worth about 10c per Lb. less than this highest quality American seed.

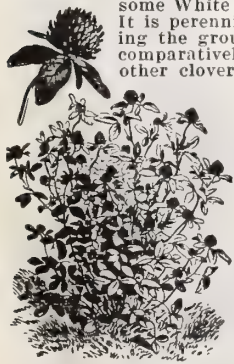
**504 CRIMSON CLOVER** Thousands of farmers are now planting winter soil building crops. They have opened the eyes of the South.

Crimson Clover is the most largely planted. It is a distinct and most valuable annual clover for sowing in late summer and fall in all parts of the South.

One enthusiastic grower wrote: "Crimson Clover is a vegetable gold mine." It will yield under fair conditions 8 to 10 tons of green feed per acre, 1½ to 2 tons of hay, and is considered worth fully \$20.00 to \$50.00 per acre as a fertilizer crop. Succeeds on almost all kinds of soil except the very poorest, but is especially valuable on light sandy or loamy soils. Sow at the last working of staple crops like cotton or corn; it is now also largely used in seeding down orchards. Crop can be grazed during the winter and if stock is taken off in March a full crop will be made. Sow seed broadcast at rate of 20 to 25 pounds per acre and harrow in lightly. Inoculation of seed will practically insure success. (See Bacteria Cultures on page 47). Lb., 40c. 5 Lbs., \$1.75. Not Prepaid—10 Lb. lots, about 17c per Lb. 100 Lbs. or over, about 15c per Lb. Write for quantity prices when ready to buy.



(504) Crimson Clover—"A Vegetable Gold Mine"



(508) Red Clover



(400) Plant Dwarf Essex Rape for Feeds and Food

## Austrian Winter Pea

**402** A remarkable new winter legume, coming rapidly to the front. It resembles an early table or English Pea in size of seed, Canada Field Pea in character of vine growth. It's a heavy yielder, can be grazed and will put on a good second growth with better stooling out. It makes splendid hay, excellent for turning under, a fine winter cover crop and soil improver. It grows about waist high, can be planted by itself or with a light seeding of oats or rye to hold vines off the ground.

We have carefully watched this splendid winter cover and soil building crop from the very first. Trials on the Hastings' Plantation were more than satisfactory and we sent out samples for testing in other sections. We have watched Experiment Station trials and their directors' enthusiasm. During the past few years, planters have seen and learned about these winter peas first hand. They have been so happy to find "just what they've been looking for" that the demand for Austrian Winter Peas has been much greater than the supply.

We have a large quantity of seed for this season and hope to be able to fill all orders sent to us out of our own stocks. Judging from the great interest being shown as early as this is being written, we ask that you get your order in as soon as you can. Be sure to plant some Austrian Winter Peas this fall and satisfy yourself as to their great value on your own farm.

This "Winter Cowpea" will protect your soil, hold and increase its fertility, furnish grazing for your livestock, make plenty of fine hay besides, or turned under, makes wonderful green manure. Sow like Vetch, 20 to 30 pounds per acre. **Seed, 35c. Not Prepaid—10 Lb. lots, about 12c per Lb. 100 Lbs. or over, about 10c per Lb.** Write for quantity prices when ready to buy.

## 401 VETCH, THE WINTER CROP

When we speak of Vetch we mean the plant known as Sand, Hairy or Winter Vetch, which is the hardy variety, standing severe winters in all parts of the South without injury. This is the only variety safe to plant. Do not allow yourself to be fooled into buying the Spring Vetch either under the name of Spring Vetch, English Vetch or Oregon Vetch. Such is also used to adulterate Winter Vetch, and if you are offered Winter Vetch at a low price, look out for it. Spring Vetch is usually worth about 5 cents per pound and it is easy to fool the unsuspecting buyer.

Planted with small amounts of rye, oats, wheat or barley for a support after it begins to run, Vetch makes a magnificent hay crop in spring, coming in ahead of everything else except thoroughly established fields of alfalfa, and at the same time leaves added fertility to the soil.

From our own experience with Vetch, we want to impress on our customers the necessity for early planting. We have had splendid results from broadcasting the seed, mixed with oats, at the last working of both corn and cotton. If planted too late in the summer, results will not be as satisfactory. It matures seed in June and can be plowed under and a summer crop planted. If this is done, the land will be seeded down in Vetch. A good stand will come up during the late summer and will make a heavier growth than it did the first year. If this process is kept up, you will find your land growing richer very rapidly and a magnificent cover crop produced every winter without any seeding expense. We can show fields on our own plantation that have been changed from very poor and unproductive soils to rich and fertile land, simply by the use of Vetch as described above.

Start it making your land rich this fall. Seed should be inoculated. See page 47 for Soil Bacteria Cultures. Remember—there is no better winter crop in the south than Winter Vetch. We bank on it on the Hastings' Plantation and we recommend it as highly as we possibly can. It's a real crop.

**PRICES—**Packet, 15c. Pound, 40c. 3 Lbs., \$1.10. Not Prepaid—10 Lb. lots, about 16c per Lb. 100 Lbs. or over, about 14c per Lb. Write us when you are ready to buy and we will tell you the exact price in any quantity. Genuine Winter, Sand or Hairy Vetch.

## 400 DWARF ESSEX RAPE

**DESCRIPTION—**Rape in its top growth looks very much like Rutabaga Turnips but it does not form a bulbous root. According to soil and season, it grows 15 to 30 inches high, making a splendid green feed and forage crop relished by all kinds of stock but principally planted for hogs and poultry. It is also popular for "greens" on the table and is a fine substitute for turnip or spinach greens. Rape is very hardy, standing any ordinary cold in the Cotton Belt or farther South. It is ready for grazing in 8 to 10 weeks from planting, with its broad, succulent leaves, and we know of no crop planted during the fall and winter that will bring as great returns for such a little expenditure of time and money for seed.

**CULTURE—**Plow and harrow your land down fine. Plant any time during the late summer, fall or winter, August to April, at the rate of 10 pounds per acre broadcasted or 3 to 4 pounds per acre if planted in drills like turnips. If broadcasted, cover the seed by a light harrowing. If there is a showery season Rape may be planted between the corn rows at the last working. It is an extra quick growing green forage plant for use any time during the fall, winter and spring when green feed is especially needed.

**RECOMMENDATION—**Rape makes good greens for the table, is particularly fine as a green feed for poultry, is relished by cows, sheep and all other live stock, but is especially recommended for hogs. At one of the Experiment Stations one acre of Rape was used, in connection with a small grain ration, to pasture 20 hogs for 3 months. Rape is easily grown, fast growing, hardy and is ready for grazing or green feed much sooner than rye, oats, wheat or barley. It puts and keeps stock in fine condition. Seed is cheap and results are great. You certainly should plant Rape for hogs and poultry.

**400 DWARF ESSEX RAPE—**Packet, 10c. Lb., 30c. Not Prepaid—10 Lb. lots, 15c per Lb. 100 Lbs. or over, about 12c per Lb. Write for large quantity prices when ready to buy.

## GRAIN PASTURE MIXTURE

**525 BEST GRAIN PASTURE FOR HOGS AND ALL STOCK—**Hastings' Special Grain Mixture for Hogs and Cattle will supply you more and better green pasturage during the fall, winter, spring and early summer than any other combination we know.

Made of the finest winter growing grains and forage crops, including Oats, Rye, Wheat and Barley for grazing purposes with enough Vetch and Essex Rape in just the right proportion to add variety to the pasture.

This mixture acts as a cover crop, keeping the land from "washing" during the winter rains and turning it under before the summer crop builds up your soil. The grazing stock will manure the land, saving fertilizer and saving spreading it. If you keep stock off while ground is wet, your land as well as stock will be a lot better off for this grain pasture.

Don't pick the poorest piece of land on your farm and expect good pasturage. Use as good land as you can spare.

Broadcast at least 100 pounds per acre, 150 pounds is better, from September until mid-winter but for best results plant early on good land. Break and harrow land as for oats, sow broadcast and harrow in. Give it a chance and your hogs will be well conditioned for the smokehouse.

**PRICE—**Not Prepaid—50 Lb. Bag, \$2.75. 100 Lb. Bag, \$5.00.



(401) Hairy or Winter Vetch

# OATS, RYE, BARLEY AND WHEAT

## FULGHUM EARLY OATS

Extravagant claims have been made for the Fulghum for extra earliness, large yields, etc., which have not been borne out by actual tests. However, it is a good early oat with exceedingly heavy straw. A three-year impartial test by one of the Southern Experiment Stations shows that its average date of maturity is eight days earlier than Appler, and the yield per acre each year ranged from eight to ten bushels less than Appler. Apparently its greatest value is a variety to plant for part of the crop, for by planting half the acreage in Fulghum and half in 100-Bushel or Appler the harvest season is lengthened and the farmer with limited machinery equipment can handle successfully a larger acreage.

The Fulghum is the best early oat we have seen for the South. We recommend it as an early oat only and for those willing to sacrifice quantity to earliness. It is a clean, vigorous growing, healthy variety for early crops and has practically superseded the Burt or 90-Day Oat in the Cotton Belt. We grow it extensively on the Hastings' Plantation and know its merits. Lb., 30c. Write for closest prices on quantity you need when ready to buy.

## GENUINE APPLER OATS

A selection from the Texas Red Rust Proof made years ago in Georgia, and generally planted as the heaviest bearing, main-crop variety. It is a wonderfully satisfactory Oats on which to depend. It is a genuine "rust-proof" strain and a main crop Oats for you to plant this year. It's a heavy yielder, stools out nicely, is very hardy and we will have the best grade you can buy. Lb., 30c. Write for prices on amount you want when ready to buy. We cannot make definite prices as this is written.

## TEXAS RUST PROOF OATS

Genuine Texas grown seed. We get this variety direct from Texas in solid car lots. While we do not recommend it as compared with "100-Bushel" and "Appler" we can supply the very best re-cleaned seed with the weed seed and Johnson Grass, almost invariably found in them, removed. Lb., 30c. Write for prices on amount you want when ready to buy. We will offer our best price with express or freight rates to your station.

## HASTINGS' WINTER RYE

**SOUTHERN GROWN**—All our rye is strictly winter rye and perfectly hardy. It is Southern grown and adapted to this entire section, either for winter grazing or grain production. With half a chance it almost invariably "makes good" wherever planted in the South. Every bushel of rye that goes out from this house is right stock. We know exactly from where it comes. Every bushel of it goes through our re-cleaning machinery, which takes out dust, trash and light grains that are left by threshing machines. It's exactly what you need to make a successful rye crop next winter. Write for our best prices on quantity you want when ready to buy.

## ABRUZZI RYE—SOUTHERN GROWN

We have grown Abruzzi Rye many years and do not hesitate to say that it is as far ahead of the old Southern Rye as the Southern is ahead of Northern Rye. Adapted to Southern conditions, pure Abruzzi Rye is the best Rye for the South. It stools out quicker and heavier, quickly covering the ground and protecting its roots in winter. It can be pastured a month to six weeks earlier than other varieties of Rye or Oats.

For the dairyman especially, this early pasture makes it invaluable. For others it is certainly worth while planting a variety that will make 50% more pasturage or hay than other sorts.

Frankly, the best Georgia Winter Rye is often sold as Abruzzi Rye. Abruzzi has become so well spread and mixed with Georgia Rye that there is practically no pure, original Italian Abruzzi, Southern grown seed, on the market. We have obtained some of the real Southern grown Abruzzi this year, however, and offer it as long as the supply lasts. We ask you to write for a special quotation on the amount you want just as soon as you are ready to buy.

**ROSEN RYE** is being dumped into the South by the carload. Most of it is common Western Rye but Rosen Rye itself is mighty poor in the South. Plant Southern Grown Winter or Abruzzi Rye for success.

## BEARDED BARLEY

In recent years there has been a great increase in barley planting, especially by poultry raisers, who want it for winter green feed and grazing. Furnishes fine grazing through the fall, winter and spring; also makes a fine quality hay. If not grazed too long Barley may be harvested for grain, making it a dual purpose crop. Very easily grown through the South and your idle land needs this cover crop. Sowed at last cotton or corn working, the only expense is the cost of seeds. All our Barley is re-cleaned and tested Southern grown Winter Barley. Broadcast 2 bushels per acre. Write for our best prices on quantity you want when ready to buy.

**TREAT GRAINS WITH CERESAN TO PREVENT SMUT**



Hastings' Georgia Grown Winter Rye—The Standard South

## WHEAT CULTURE

Write for our "Grain Book," which gives you detailed instructions about Wheat and other grains. The best time to plant Wheat in the Southern States is from October 15 to December 15, giving the plants a chance to get a start before freezing weather. In early seeding, plant one bushel of seed per acre. After about November 15, it's better to use  $\frac{1}{4}$  to  $\frac{1}{2}$  bushels per acre. Plant in drills, using the "open furrow" method, the same as for Oats. Wheat is easily grown in the South and much more of it should be planted.

## RED MAY OR BLUE STEM WHEAT

This is an old favorite among the wheat growers in the South, sometimes also called Purple Straw. It's the most generally satisfactory beardless variety. It's a fine, rather early, productive, beardless variety of wheat, a standard in this section. It has always been a rather early variety, but the strain we are now handling ripens from a week to ten days ahead of the old strain. Good for grain production or if you desire to cut it when "in dough" makes a splendid hay crop. Write for prices, samples and freight rate on amount you want when ready to buy.

## FULCASTER WHEAT

This is a bearded wheat of the finest type grown anywhere. Fulcaster is a thoroughly acclimated wheat grown here in the South for many years. It's strong, vigorous and heavy yielding. It makes satisfactory crops in good seasons and bad. It's extremely hardy, standing our severest winters without serious injury, and a safe, reliable variety to plant.

There are thousands of people each year in the South who plant wheat for the first time and possibly do not give the preparation that more experienced growers would give. To such we especially recommend our Fulcaster, for it will stand adverse conditions better than any variety of wheat we know. When you plant Fulcaster you know exactly what you have, an acclimated wheat that makes heavy yields. Write for prices on quantity you need when ready to buy.

# The Progressive Farmer

AND

## Southern Ruralist

It is our belief that every Hastings' seed buyer should be a consistent reader of the best farm paper available. For some years it has been our policy to provide an attractive subscription offer to the **Southern Ruralist**. This year we feel that all our customers will be highly pleased with the offering of the greatest farm paper that serves Southern farm homes—**The Progressive Farmer and Southern Ruralist** consolidated into one great farm paper with over 1,000,000 circulation. This union of the South's

two greatest farm papers makes it possible more than ever before to serve the interests and needs of every member of every southern farm family. Thousands of our customers are now, or have been in the past, readers of either **The Progressive Farmer** or **Southern Ruralist**. They have learned to appreciate and have confidence in the fine articles by such leaders as Dr. Clarence Poe, Culley A. Cobb, Dr. Tait Butler, Lois P. Dowdle, Mrs. W. N. Hutt, W. C. Lassetter and the many other editors who gave their entire time to these publications.

Now with these two great institutions joined in a common cause, there will result a farm paper that will really do justice to the field that it serves. For over 44 years **The Progressive Farmer** has been making its weekly visits into a constantly increasing number of farm homes until at the time of the merger it had reached a total circulation of over 600,000 farm homes. Likewise the **Southern Ruralist** has been delivering wholesome and instructive reading material to its great family of readers for a period of approximately 38 years. Certainly we feel that it is a real service to our customers to be in position to make them the liberal subscription offer which is given on this page.

One of the outstanding advantages of **The Progressive Farmer and Southern Ruralist** is that its articles relating to farm practices and home conveniences can be accepted with absolute confidence by the readers in every section of the South. In order to make this possible, five separate editions, each serving one of the five major farming divisions of the South, are published.

These editions are as follows:

Georgia-Alabama edition for Georgia, Alabama and Florida.

Carolinas-Virginias edition for North and South Carolina, Virginia and West Virginia.

Kentucky-Tennessee edition for Kentucky, Middle and East Tennessee.

Mississippi Valley edition for Mississippi, Louisiana, Arkansas and West Tennessee.

Texas Edition for Texas and Oklahoma.

**The Progressive Farmer and Southern Ruralist** is published on the 1st and 15th of each month, and in every issue there are departments designed to interest the mother, the father, the boy

and the girl. There are interesting and instructive articles on the crops that you grow on your own farm, live-stock that are common to your section, fiction stories that you like to read, children's stories which not only interest them but help establish a foundation for more useful citizenship in later years.

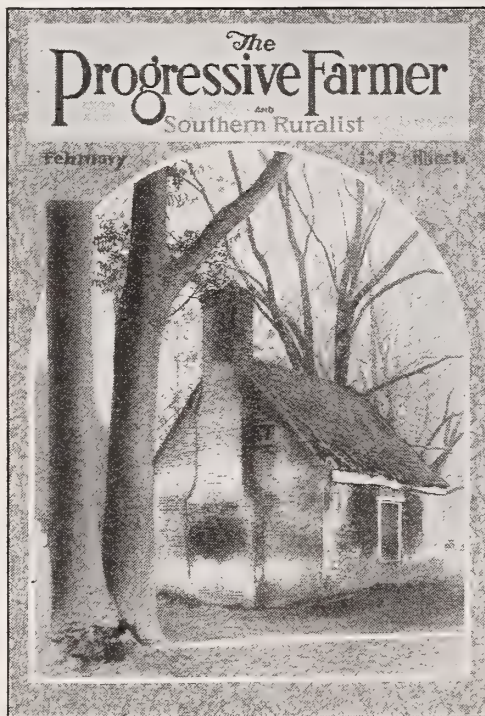
### REASON FOR THIS OFFER

We know you will be glad to get each of the 24 valuable issues during the year. We know you will profit and gain much pleasure from reading the worth-while articles that apply to every farm and home and the entertaining stories published in **The Progressive Farmer and Southern Ruralist**.

**The Progressive Farmer and Southern Ruralist** is the largest circulated farm paper or magazine in the South. It carries more prestige and naturally can afford the best editors. You know that you can depend on the timely advice given throughout the year in **The Progressive Farmer and Southern Ruralist**.

We have arranged with **The Progressive Farmer and Southern Ruralist** the special half-price offer below because it pays us to have our customers well posted on garden, farm and home problems and interests. We are all working alike for better farm conditions. We profit on the Hastings' Plantation from reading **The Progressive Farmer and Southern Ruralist** regularly, and we know that you will profit likewise.

We might consider this half-price offer a part of Hastings' Complete Planting Service. In every offer we want to actually give you more value for your money than you can obtain anywhere else. We have chosen **The Progressive Farmer and Southern Ruralist** as the best all-round farm magazine for the South and offer it to you with your money back if you are not entirely satisfied with it. You cannot find a fairer, squarer offer than that. Just include 25 cents for one year or 50 cents for a 3-year subscription, along with your order to Hastings'.



## SPECIAL SUBSCRIPTION OFFER

The regular subscription price of **The Progressive Farmer and Southern Ruralist** is 50 cents per year, about 2 cents per copy. If sent in with your seed order, we can have it sent to you for 25 cents. Foreign subscriptions are \$1.00 each per year, 25 cents, 1 cent per copy, along with your seed order brings you twice each month for one full year **The Progressive Farmer and Southern Ruralist**. Latest events in pictures, good stories, editorials and worth-while farming, gardening, orchard, live stock and home information by the leading men and women in Southern agriculture.

In this offer we guarantee full satisfaction and money back at the end of three months if you don't think it worth it. Just enclose 25 cents extra with your seed order for **The Progressive Farmer and Southern Ruralist** for one year, or 50c for three years. We will start it coming promptly.

# PULVERIZED SHEEP MANURE

**Best for Lawns, Vegetables, Flowers, Trees, Fruits and Shrubby**

The real secret in making a beautiful, velvety green lawn or parkway, provided you have good, heavy, plump, viable seeds; the real secret in making vegetable and flowering plants grow to perfection from good seeds, lies in preparing a rich, mellow soil.

We use many tons of Sheep Manure on the Hastings' Plantation, especially for our extensive trial grounds and for summer flowering bulbs. We use it on our own lawns each year and sell many carloads in Atlanta, in every month of the year, for lawns and gardens.

## Cheap, Easy to Use—Gets Results

This concentrated, weedless manure will make your lawn and all plants grow luxuriantly. It is not a combination of chemical stimulants but a real soil building plant food—safe and dependable for every fertilizer use. It not only stimulates plant growth but supplies humus to the soil for retention of moisture and air circulation, is slow acting to give plants

food over the whole season of growth and it puts new life in worn out soils.

One 100-Lb. bag is equal in plant food value to a whole wagon load of barnyard manure. The cost of a load of manure, hauling it, composting it or just spreading it will very likely be far more than the cost of a bag of Wizard Brand. Being dry and pulverized, Wizard Brand is convenient and easy to use, not objectionable to handle and it makes your lawn and garden grow to perfection. It makes good garden soil. For excellent results use 100 pounds, one bag, to 1,000 square feet (plat 20 by 50 feet) of lawn or garden or flower yard. Use 1,000 pounds or more per acre. Have the finest garden and the most beautiful plantings in your neighborhood this year and have a velvety green lawn with Sheep Manure.



## Prices of Wizard Brand Sheep Manure

Fertilizers are not allowed to be mailed. Write for Dealer Prices.  
**NOT PREPAID**—25 Lb. Bag, \$1.00. 100 Lb. Bag, \$3.00. 500 Lbs., \$2.50 per 100 Lb. Bag. \$45.00 per Ton. Prices subject to change. Write for our best quantity prices when ready to buy. Sheep Manure is shipped by express or freight.

## GRANULATED PEAT MOSS---THE BEST MULCH AND TOP DRESSING FOR LAWNS

Light brown colored moss peat formed years ago by the decay of mosses and aquatic plants. An excellent soil medium free from weed seeds and rich in carbonaceous matter. Contains moisture holding humus-making material, helps to improve the soil, serves as a mulch, keeps out heat and cold and aids propagation. Peat Moss is superior as a mulch for Rhododendrons, Roses, Azaleas, Etc., a forcing medium for growing bulbs in bowls or plants in pots and is fine for packing plants, bulbs, roots, tubers, fruits and vegetables.

Peat Moss is always ready for use and is clean and convenient. A bale will cover 240 sq. ft., 1 inch deep. Order at least a bale and keep it on hand for its many uses throughout the year. Write for illustrated booklet.

**PRICES**—Not Prepaid: **SPECIAL TRIAL PACKAGE**, 2 Bu., \$1.50. Bale, 19 Bu. (compressed), \$4.00. 5 Bales, \$3.75 per bale. 10 Bales, at \$3.50. 50 Bales, at \$3.25. Write for quantity or dealer prices.

**SEMESAN** The organic mercury disinfectant for dust or liquid use on seeds, bulbs and soil. Anthracnose, fusarium, rots, blight, rust, scab, wilt, mildew, damping-off, smut, scurf and many other seed-borne diseases are controlled by this DuPont-Bayer disinfectant. We would like to treat every lot of seeds and bulbs we sell but it's a poison so we cannot. You can treat all you plant. Write for full information. **POISON!** Cannot be mailed. By Express—Not Prepaid—Lb., \$2.75, treats 5 bu. of small seed and 8 bu. of large seed. 5 Lbs., \$13.00, treats 25 bu. small and 40 bu. large. 25 Lbs., \$62.50, treats 125 bu. small and 200 bu. of large.

**CERESAN**—For Oats, Wheat, Rye, Barley, Sorghum and other cereals. **Poison.** Not Prepaid—Lb., 75c, treats 8 bu. of seeds. 5 Lbs., \$3, treats 40 bu. For oats and barley 1 Lb. treats 5 bu. of seed.

**EVERGREEN** Non-poisonous, all-around, good and effective, liquid pyrethrum insecticide that is sure death to common insects. Economical to small and large users. 1 Oz. (makes 6 gallons of spray), 35c. 6 Oz., \$1.00. 16 Oz., \$2.00. 1 Qt., \$3.50. Gallon, \$13.00. Dealer's prices and bulk prices on request.

**PLANTGARD** Non-poisonous, effective insecticide in powder form. Just dust it on and it kills the insects. Lb. (about) Pkg., 35c. 2 Lbs. (about) Pkg., 60c.



Seed Was Inoculated

## STIMUGERM LEGUME INOCULATION

The illustration shows how these bacteria act on the roots of leguminous plants as mentioned. Stimugerm increases the yield and quality, gives quicker growth, increases food value, supplies nitrates to companion crops and saves fertilizer costs by enriching the soil.

Stimugerm is economical. One bu. size will inoculate 1 bushel of seeds or as much seed as you want to plant on one acre. Simple directions for use on cans make it easy for anyone to apply it to the seeds before planting. It pays to use these cultures.

**REMEMBER!** Each kind of crop takes a different kind of culture. Culture for Group 1 is not any good for crops in Group 2 or other Groups. Order by Group number. Prices are postpaid.

These cultures are now supplied in Humus form or medium, which is the most popular medium and known to be most effective because it is so easy to apply. However, we can supply Stimugerm in bottles of liquid (jelly) medium on special order at these prices if you desire.



Ventilated Can opens easily without cutting size, \$2.25.

### ORDER BY GROUP NUMBER

Group 5—Special Garden Unit (for 15 Lbs., a peck, of Peas, Beans, Sweet Peas), 25c.

Group 1—For Red, Crimson Alsike and White Clover. ½ Bu. size, 60c. 1 Bu. size, \$1.00. 2½ Bu. size, \$2.25.

Group 2—Alfalfa, White and Yellow Sweet Clover, Bur and Hubam Clover. ½ Bu. size, 60c. 1 Bu. size, \$1.00. 2½ Bu. size, \$2.25.

Group 12—For Japan Clover or Lespedeza. ½ Bu. size, 60c. 1 Bu. size, \$1.00. 2½ Bu. size, \$2.25.

**Slug Shot** To kill biting or chewing insects—bugs, beetles, slugs, worms, green flies, etc. Doesn't injure foliage. Lb., 35c. 5 Lbs., \$1.00. 10 Lbs., \$1.75.

**Fish Oil Soap** A wash for sucking insects, larvae and eggs, especially aphids on trees, vines and plants. Often used with Tobacco Dust. Lb. box, 35c. 5 Lbs., \$1.25.

**Tobacco Dust** For aphids and flea beetles, especially in soil and around roots. 2 Lb. box, 35c.

**Stim-U-planT Plant Tablets** Stim-U-planT tablets are the richest plant tablets sold, highly concentrated, immediately available plant food for all fruit, flower, vegetable and ornamental plants.

Complete directions with package. Small size, 25c. Medium size (100 tablets), 75c. Large size (1,000 tablets), \$3.50.

**Watch-em-grow** Excellent to use on house plants and ferns, in porch and window boxes, for garden plants, for making up potting soil and for touching up poor spots in lawns. Just a teaspoonful in a gallon of water sprinkled about the plants starts that fine growth and rich bloom that we all want. Postpaid Price—50c per ½ Lb. Can.

**Plant Food** Excellent to use on house plants and ferns, in porch and window boxes, for garden plants, for making up potting soil and for touching up poor spots in lawns. Just a teaspoonful in a gallon of water sprinkled about the plants starts that fine growth and rich bloom that we all want. Postpaid Price—50c per ½ Lb. Can.

**Bird Seeds** Hastings' Mixed Canary Bird Seed. Pound, 30c. 2 Lbs., 50c. Not Prepaid—10 Lbs., \$1.50. Write for complete list of bird supplies.

## BACTERIA CULTURES

Clovers, Alfalfa, Beans, Peas, Vetches, Peanuts and other legumes will yield larger crops per acre if the seeds are inoculated with Stimugerm—a culture of bacteria selected and bred for maximum vitality and ability to form nodules and take nitrogen from the air.

Stimugerm increases the yield and quality, gives quicker growth, increases food value, supplies nitrates to companion crops and saves fertilizer costs by enriching the soil.

Stimugerm is economical. One bu. size will inoculate 1 bushel of seeds or as much seed as you want to plant on one acre. Simple directions for use on cans make it easy for anyone to apply it to the seeds before planting. It pays to use these cultures.

**REMEMBER!** Each kind of crop takes a different kind of culture. Culture for Group 1 is not any good for crops in Group 2 or other Groups. Order by Group number. Prices are postpaid.

These cultures are now supplied in Humus form or medium, which is the most popular medium and known to be most effective because it is so easy to apply. However, we can supply Stimugerm in bottles of liquid (jelly) medium on special order at these prices if you desire.

### ORDER BY GROUP NUMBER

Group 3—All Vetches, Sweet Peas, Garden Peas, Canada Field Peas, Perennial Peas. 1 Bu. size, 60c. 5 Bu. size, \$2.25.

Group 7—Cowpeas, Peanuts, Lima Beans, Velvet Beans, Mung Beans. 1 Bu. size, 60c. 5 Bu. size, \$2.25.

Group 8—Garden Beans, Field Beans, Navy Beans, Kidney and Scarlet Runner Beans. 1 Bu. size, 60c. 5 Bu. size, \$2.25.

Group 9—Soy or Soja Beans, all varieties. 1 Bu. size, 60c. 5 Bu. size, \$2.25.

# GRASS SEEDS—LAWN, HAY, PASTURE

## LAWNS, GOLF COURSES, PARKS, LANDING FIELDS

See Page 3 for Hastings' Lawn Grass Mixtures! We make a specialty of grasses and have only the highest grade seeds, the only kind for success and satisfaction. Write us your problems.

**533 Kentucky Blue Grass** Excellent lawn grass; ideal for golf fairways and putting greens; makes the sweetest and best pasture grass. Maximum growth in spring and early summer; more effective the second year than first. Deep vivid green, leaf blades very narrow and plants are slightly creeping. Ideal growth is 12 inches if left uncut. We make a specialty of fancy reselected Blue Grass Seed for extensive lawn work throughout the South, where pure vital seed, free from weeds, is essential. Sow 5 pounds per 1,000 sq. ft. for lawns; 40 pounds per acre for pasture. Lb., 65c. 5 Lbs., \$2.60. Write for quantity prices. Not Prepaid—10 Lb. lots, about 45c per Lb. 100 Lbs. or over, about 40c per Lb.

**539 Rough Stalked Meadow Grass—Poa trivialis** Blue Grass family and especially valuable for shady lawns. Creeping plants with narrow, flat leaf blades; adapted to all soils, including sandy, in all sections where Blue Grass grows. Reaches 12 in. high in early summer if left uncut. The best grass of all for shady places. Lb., 85c. Not Prepaid—10 Lbs., about 65c per Lb. 100 Lbs., about 60c per Lb.

**532 Italian Rye Grass** **AMERICAN GROWN.** This domestic seed is heavy, plump, high grade seed and is thoroughly satisfactory. Makes excellent winter grass following Bermuda in the South and makes heavy hay crops on rich land. An annual grass with tall, broad, flat leaves; plants grow in tufts if left uncut. Very valuable for Southern winter and spring lawns with its quick growth. Scratch it in Bermuda sod each fall for a velvety green lawn the year round. Sow 5 Lbs. per 1,000 sq. ft. for lawn; 45 Lbs. per acre for pasture. Lb., 30c. 5 Lbs., \$1.25. Not Prepaid—10 Lb. lots about 12c per Lb. 100 Lbs. or over, about 10c per Lb. Write for prices.

**536 Italian Rye Grass** **IMPORTED SEED.** Just as satisfactory as American grown seed. Lb., 35c. 5 Lbs., \$1.50. Not Prepaid—10 Lb. lots, about 16c per Lb. 100 Lbs. or over, about 14c per Lb. Write for prices.

**535 English or Perennial Rye Grass** Similar to Italian Rye Grass, lasts longer farther north but acts as an annual in the South. Rapid grower, fine winter and spring lawn grass with its quick growth; smooth, narrow, flat, shining leaves, ideally reaching 2 feet in summer with moist, medium soil. Especially valuable for fall and early spring planting. Also very valuable for hay and pasture. Sow 5 Lbs. per 1,000 square feet for lawns; 45 Lbs. per acre for pasture. Lb., 35c. 5 Lbs., \$1.50. Write for quantity prices. Not Prepaid—10 Lb. lots, about 16c per Lb. 100 Lbs. or over, about 14c per Lb.

## 551 HASTINGS' PERMANENT PASTURE MIXTURE

This mixture is only recommended for the northern parts of Georgia, Alabama, Arkansas and South Carolina, but in North Carolina, Tennessee and further north you will find it gives good results and is fairly permanent. It should be planted in the fall or early spring and the land should be thoroughly prepared, rich or heavily manured and fertilized, worked smooth and fine. Sow at least 35 pounds of seed per acre and it is best to add a pound

**545 Red Top or Herd's Grass** Valuable for lawns and pastures with leaves narrow, becoming very narrow with lawn cultivation. Plants slightly creeping and ideally growing 2 feet high in early fall. Grows on all soils but best on low, stiff, moist land. Holds well in summer if repeatedly mowed; stands wet weather and overflowing for even 2 or 3 weeks. Chief value is for winter pastures. Sow about 15 Lbs. per acre. Lb., 40c. Write for prices. Not Prepaid—10 Lb. lots, about 24c per Lb. 100 Lbs. or over, about 22c per Lb.

**542 Orchard Grass** Widely used for hay and pastures and it even thrives under trees. Grows on all soils, reaching ideally 4 feet in late spring with its large bluish green plants with flat leaf bases. Bears closest grazing. Sow about 45 Lbs. per acre. Lb., 40c. Write for quantity prices. Not Prepaid—10 Lb. lots, about 25c per Lb. 100 Lbs. or over, about 23c per Lb.

**546 Timothy** The most important hay and pasture grass for the northern part of the South and farther north. It is a coarse, vigorous plant with very broad leaves; grows 3 feet in summer on rich land. Sow 30 Lbs. per acre. Lb., 35c. Write for quantity prices. Not Prepaid—10 Lb. lots, about 15c per Lb. 100 Lbs. or over, about 10c per Lb.

**541 Tall Meadow Oat Grass** Valuable for hay and pasture; grows 4 feet tall in early summer; furnishes two cuttings annually and is very hardy, standing heat and cold in practically all soils. Vigorous plant with very broad leaves. Sow 33 Lbs. per acre. Lb., 40c. Write for quantity prices. Not Prepaid—10 Lb. lots, about 24c per Lb. 100 Lbs. or over, about 22c per Lb.

**538 Meadow Fescue or English Blue Grass** Grows 3 feet tall in summer with very broad, flat leaves; giving an abundance of hay and pasture on any soil not water-logged. Sow about 35 Lbs. per acre. Lb., 40c. Write for quantity prices. Not Prepaid—10 Lb. lots, about 18c per Lb. 100 Lbs. or over, about 16c per Lb.

**530 Bermuda Grass** Seed should be sown between March and June. Seed will not grow when ground is cold. Lb., 75c. Not Prepaid—10 Lbs. or over, about 55c per Lb. 100 Lbs., about 50c per Lb. Write.

**537 Johnson Grass** Planted in early fall or spring, 50 Lbs. per acre, will give permanent summer pasture and hay crop forever. Lb., 35c. Not Prepaid—10 Lbs. or over, 15c per Lb. 100 Lbs. or over, about 13c per Lb. Write for prices.

**553 Carpet Grass** Plant 10 Lbs. per acre this winter in the lower South, in early spring farther North, on moist lands. Delivery after October 1. Lb., 50c. Not Prepaid—10 Lb. lots, about 27c per Lb. 100 Lbs. or over, about 25c per Lb. Write for prices.

each of Red Clover and Alsike Clover seed to each 10 pounds of the mixture. Clover and grass seeds won't mix evenly so buy the clover separately. There is no Bermuda or Johnson Grass in the mixture. It is properly proportioned for best results and contains Blue Grass, Orchard, Meadow Fescue, Red Top, Tall Meadow, Italian Rye, Crested Dog's Tail and English or Perennial Rye Grasses. Lb., 50c. 5 Lbs., \$2.00. Not Prepaid—10 Lbs., 30c per Lb. 100 Lbs., 25c per Lb. Prices subject to change. Write.

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**Please do not write in above space**

**H. G. Hastings Co., Atlanta, Ga.**

**F-30** PLEASE DO NOT WRITE IN THIS SPACE

**Gentlemen:—I am enclosing \$\_\_\_\_\_ for this order.**

**Ship to me by — Mail** ☐ **Express** ☐ **Freight** ☐  
(Mark X in square for desired shipment)

(Mark X in square for desired shipment)

**Name** **Mr.**  
**Mrs.**  
**Miss**

(If Mrs., kindly use husband's first name or initials, as Mrs. Sam B. Clark)

Postoffice \_\_\_\_\_ State \_\_\_\_\_

**Rural**                      **Box**                      **Express or**  
**Route No.**\_\_\_\_\_ **No.**\_\_\_\_\_ **Freight office**

(If Different from Your Post Office)

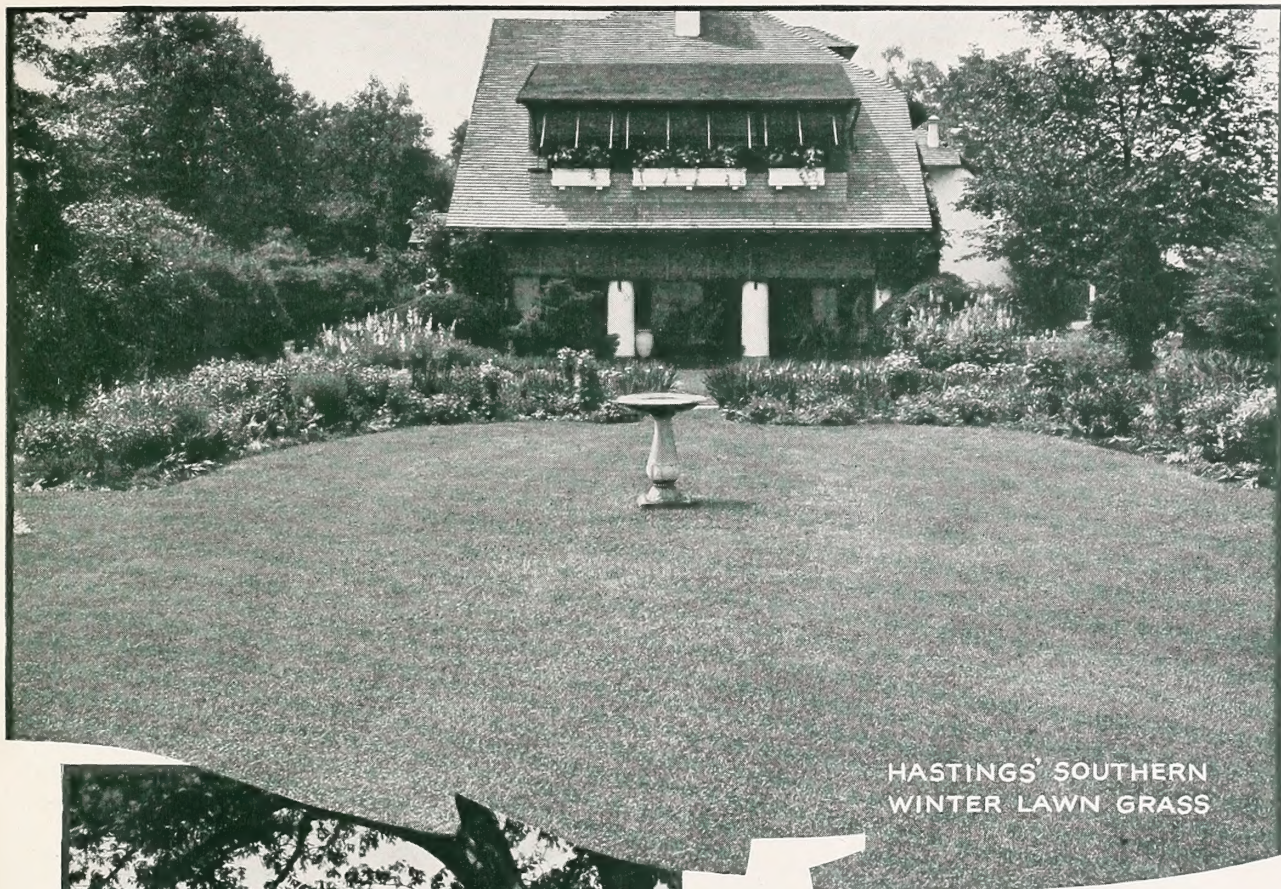
**Street Address**

**BEFORE ORDERING PLEASE READ DIRECTIONS FOR ORDERING IN THIS CATALOG ON PAGE 2**

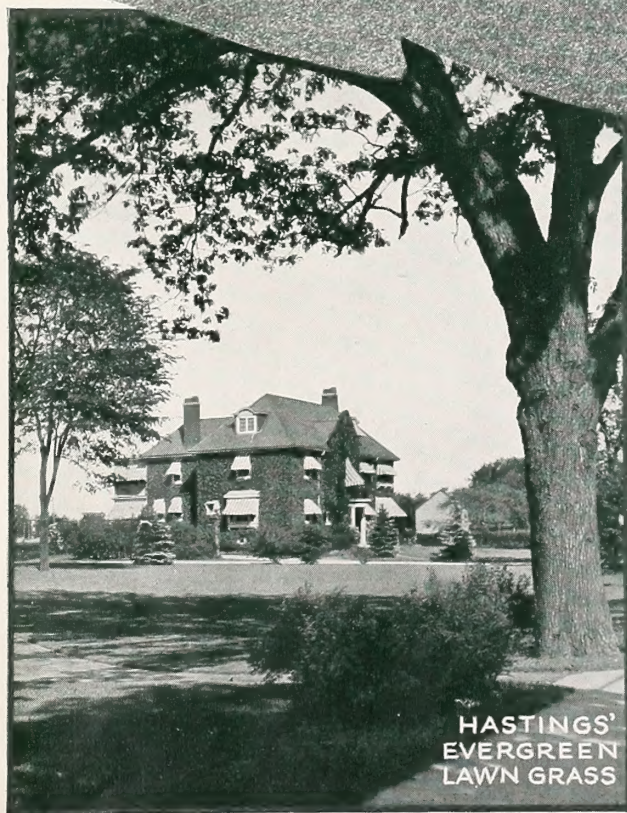
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**Remember—No order too large or too small to send to HASTINGS'**





**HASTINGS' SOUTHERN  
WINTER LAWN GRASS**



**HASTINGS'  
EVERGREEN  
LAWN GRASS**

## **Hastings' Southern Winter Grass Seed**

Our special grass seed mixture for the Lower South, or for a quick show of green grass anywhere. Makes a splendid winter and spring lawn by itself. Scratch it in Bermuda sod in the fall for a year-round green lawn. See page 3.

**Lb. 50c.; 5 lbs. (for 1,000 sq. ft.), \$2.25**

## **Hastings' Evergreen Lawn Grass Seed**

Make your "Home Beautiful" this fall with a real "Hastings' Evergreen" lawn. The most beautiful lawns all over the South are Hastings' Evergreen lawns. This velvety green lawn mixture contains grasses that grow successfully in the South. The finest lawns are made from fall planting. Our own specially adapted mixture for sale only at Hastings' in Atlanta. For full description and "How to Make a Lawn," see page 3.

**Lb. 55c.; 5 lbs. (for 1,000 sq. ft.), \$2.50**

CLARA  
BUTT

EUROPE

PRINCESS  
ELIZABETH

BARTIGON

WHITE  
QUEEN

REV. H.  
EWBANK

MADAME  
KRELAGE

CENTENAIRE

PRIDE  
OF  
HAARLEM

THE  
SULTAN



INGLEScombe  
YELLOW  
COTTAGE TULIP  
65¢ DOZ.

### **\$1 Special Darwin Tulip Collection**

20 selected, outstanding varieties,  
the 10 pictured above and all 20  
fully described on page 38. All top-  
size bulbs, the finest of all Tulips.

**20 bulbs, 20 varieties, \$1**

### **50c. Giant Darwin Tulip Collection**

The 10 varieties pictured above,  
including the mos' popular varie-  
ties of today. All top-size, selected  
bulbs. See page 38.

**10 bulbs, 10 varieties, 50c.**

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